

The Jini Technology

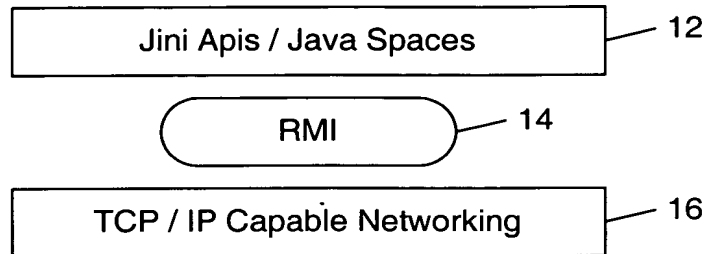


Fig. 1
(Prior Art)

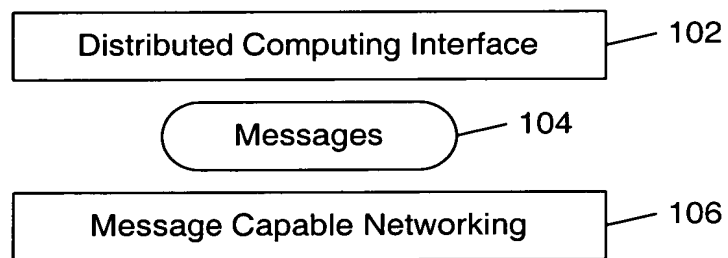


Fig. 2

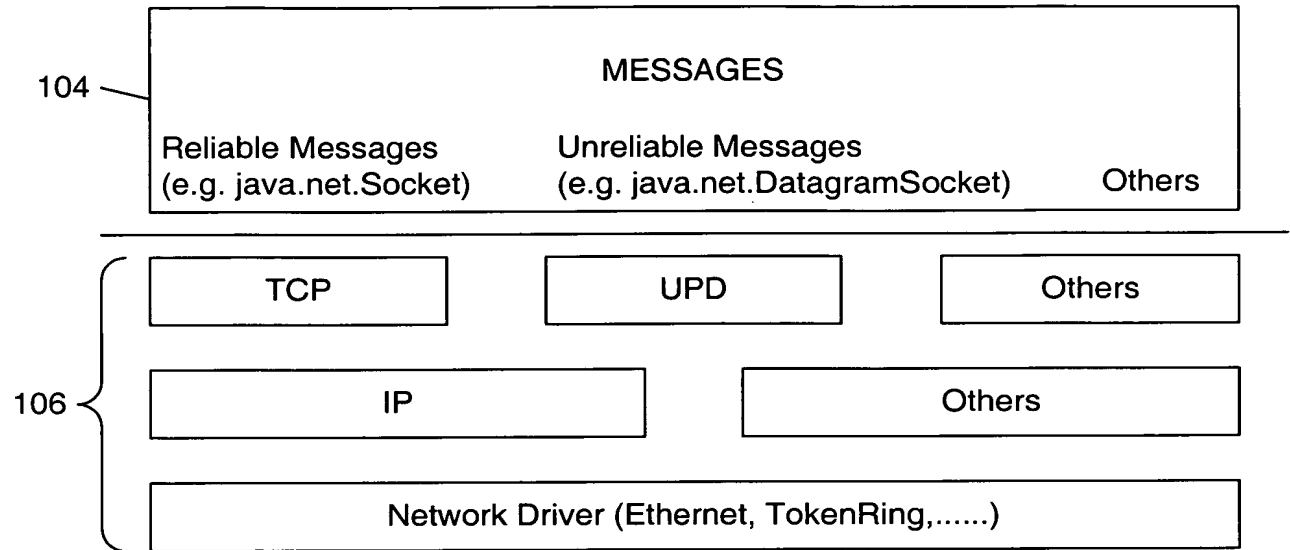


Fig. 3

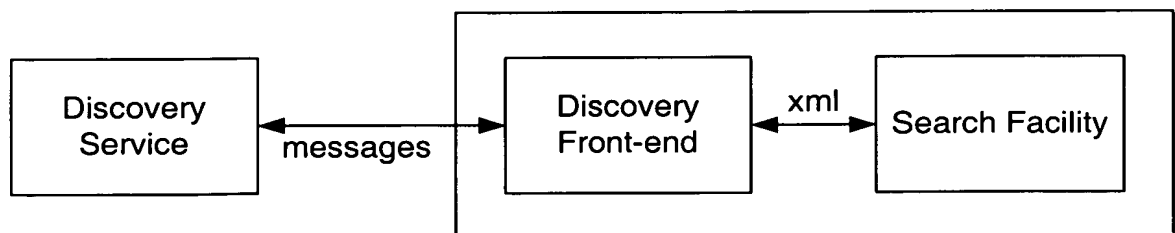


Fig. 4

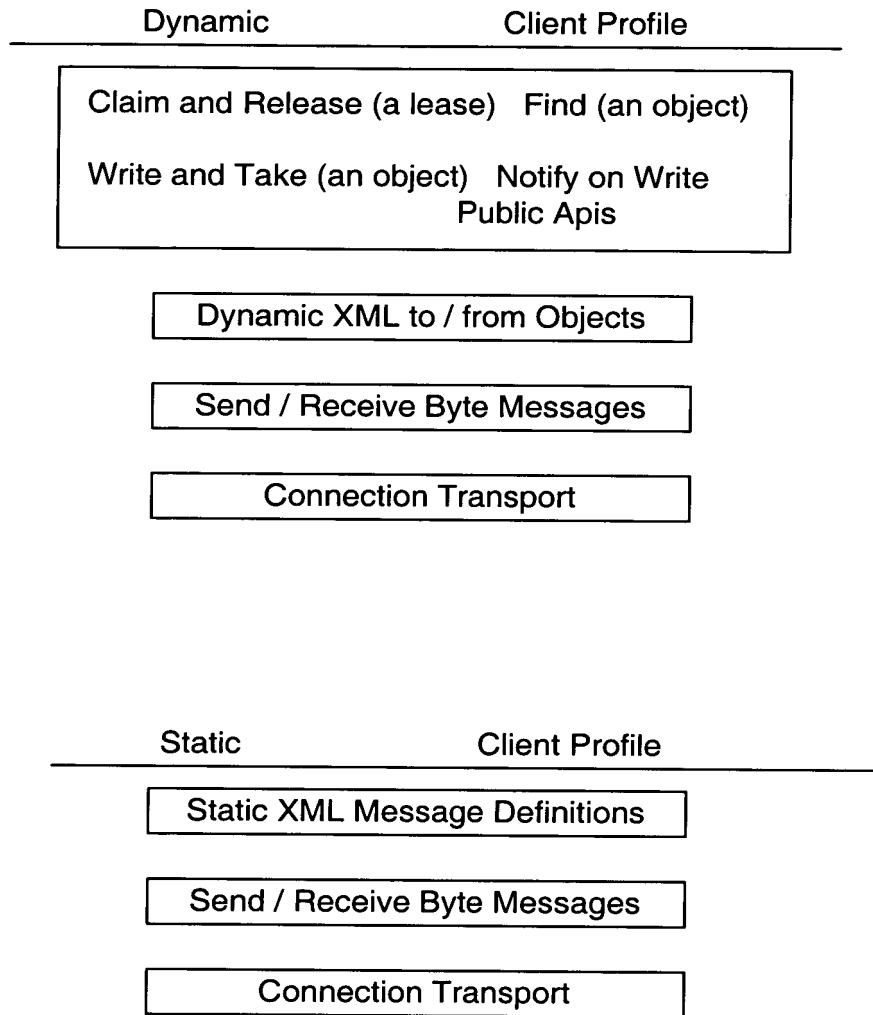


Fig. 5

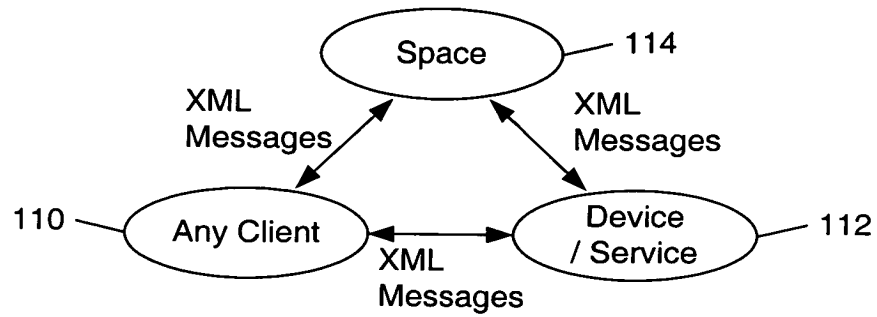


Fig. 6

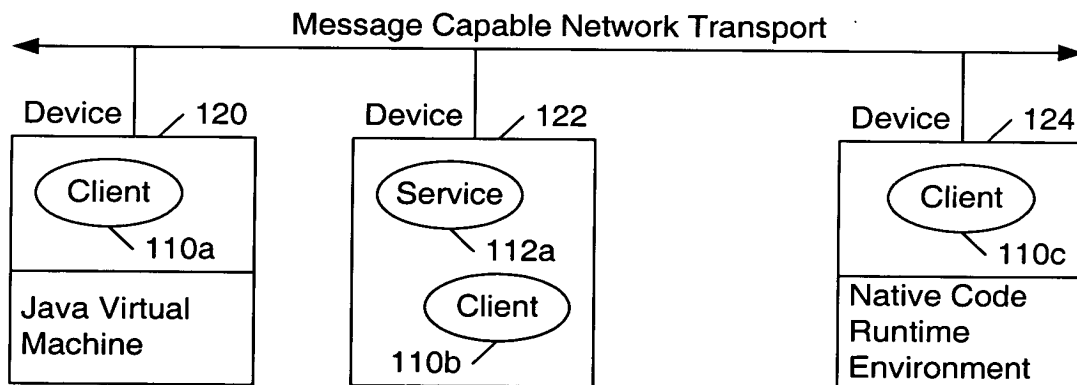


Fig. 7

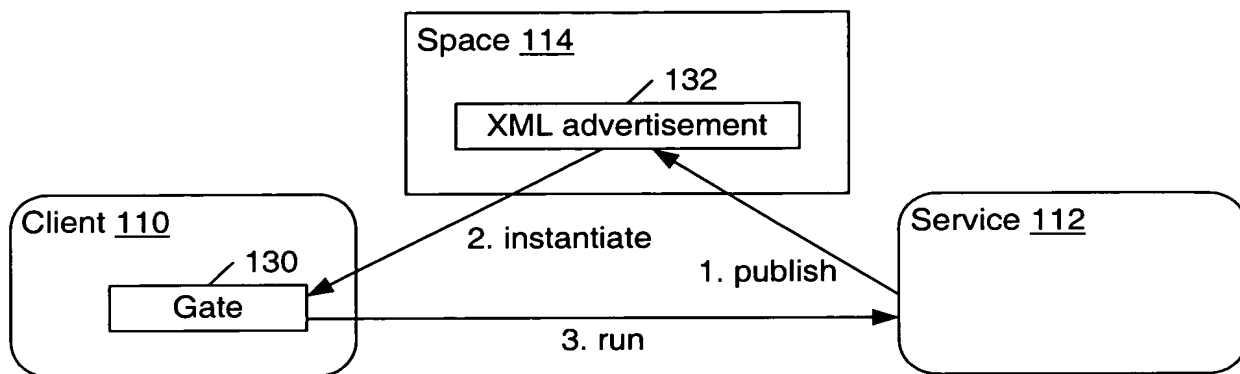


Fig. 8

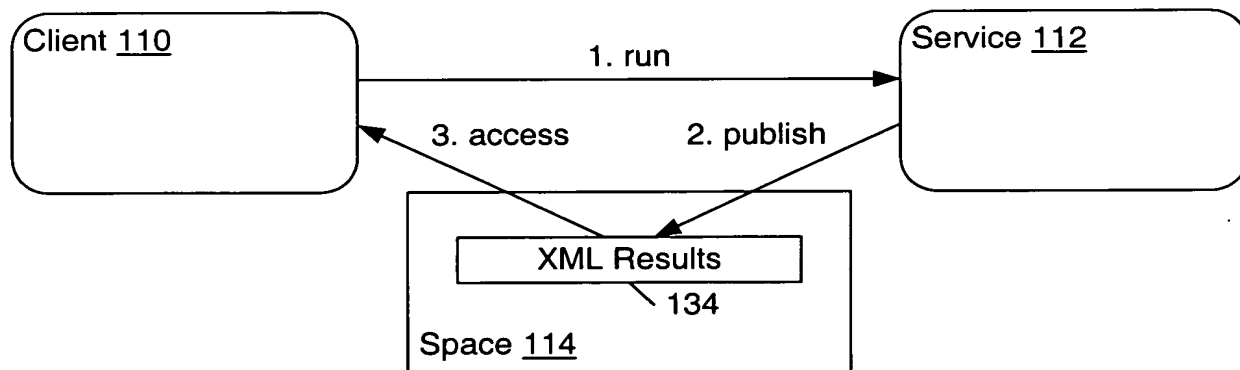


Fig. 9

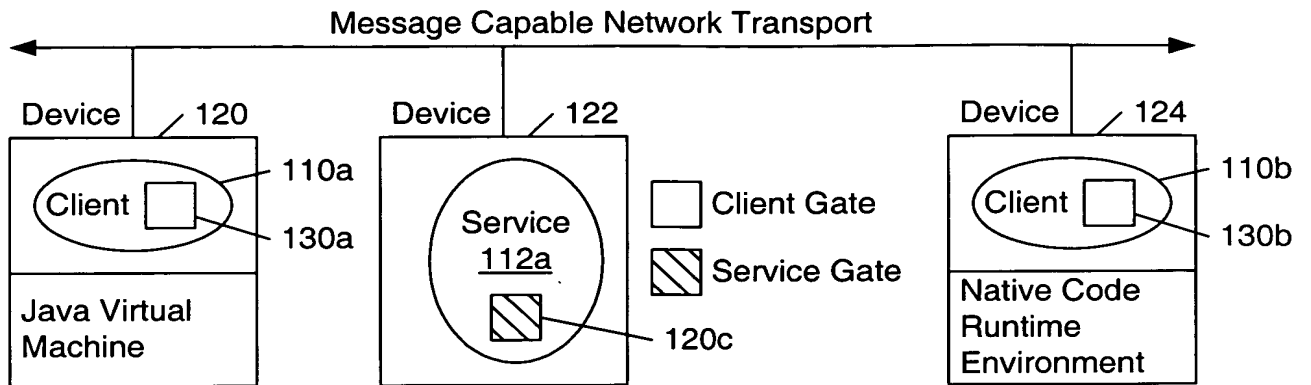


Fig. 10a

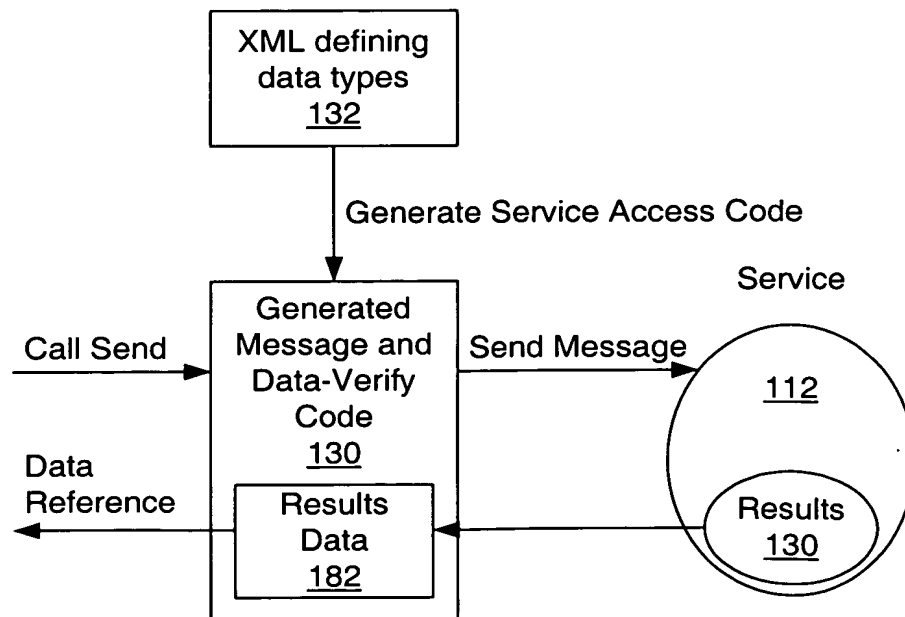


Fig. 10b

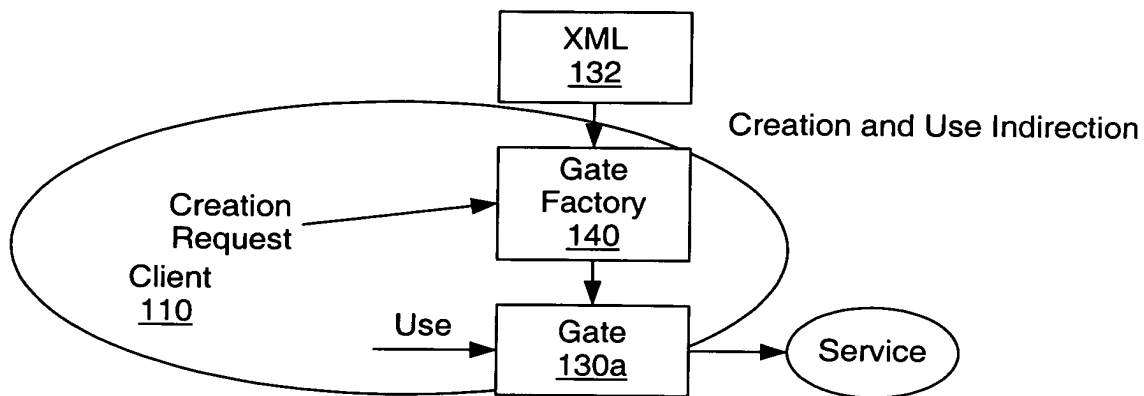


Fig. 11a

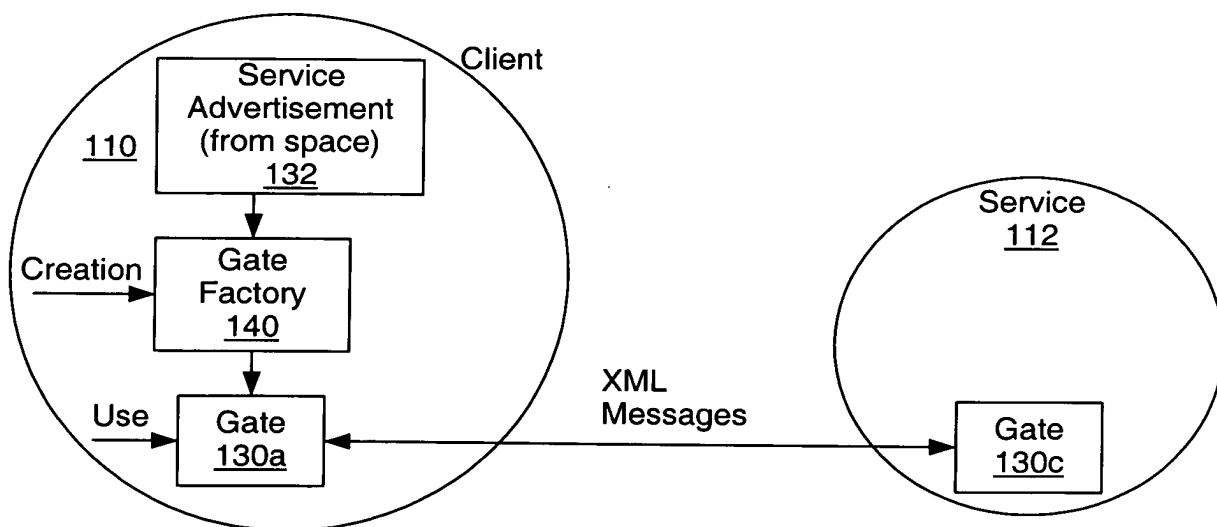


Fig. 11b

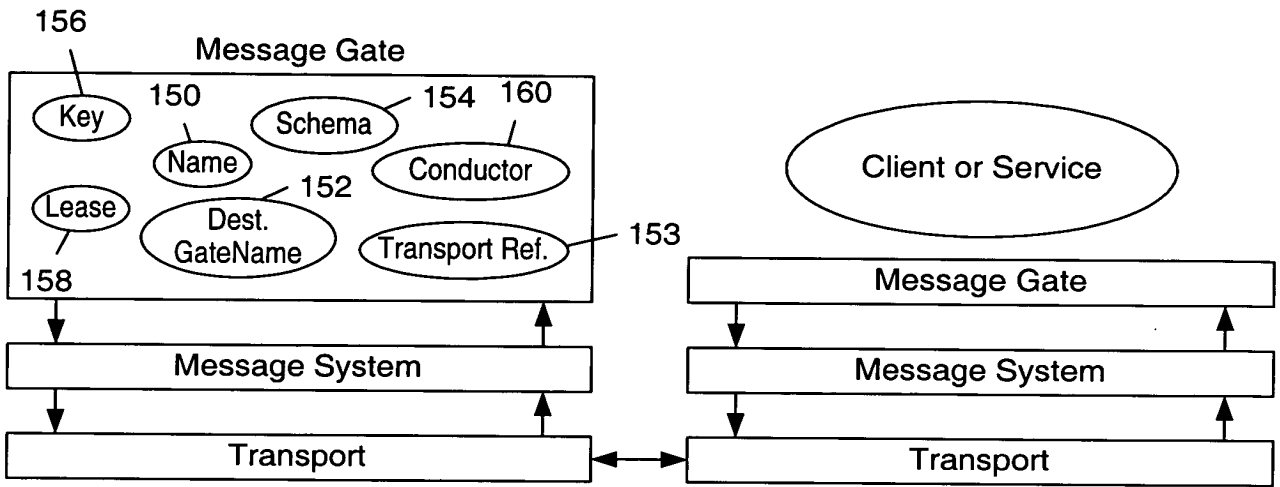


Fig. 12

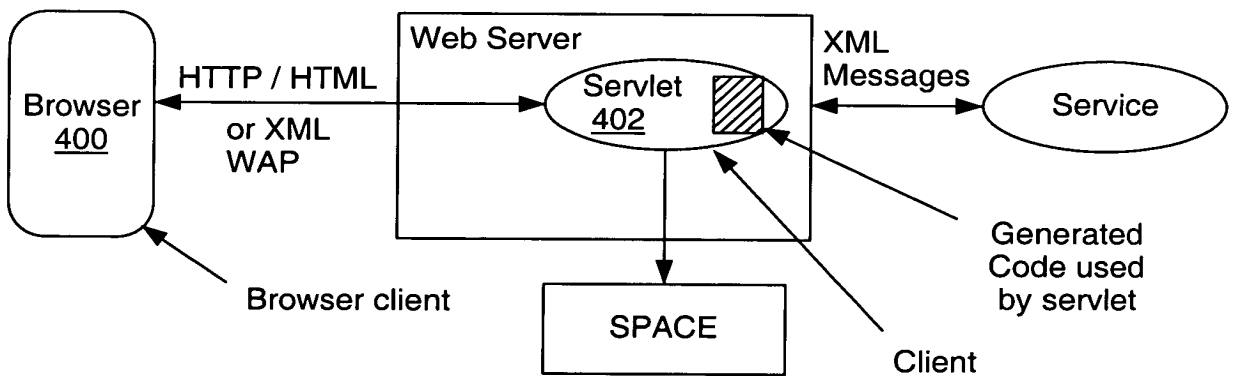


Fig. 13

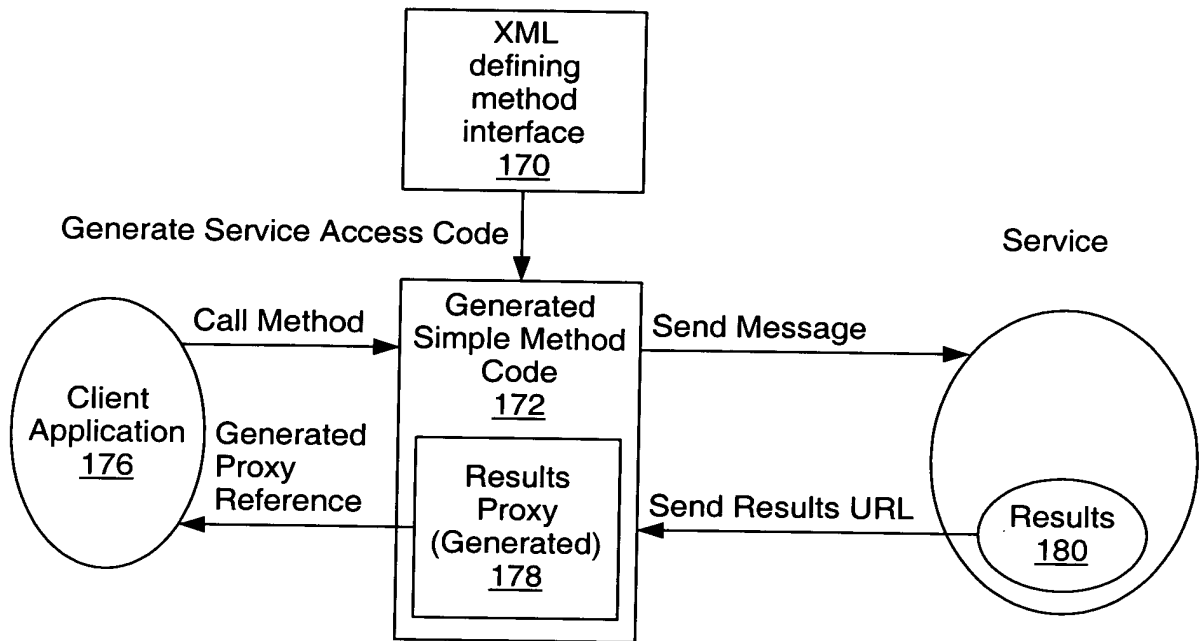


Fig. 14

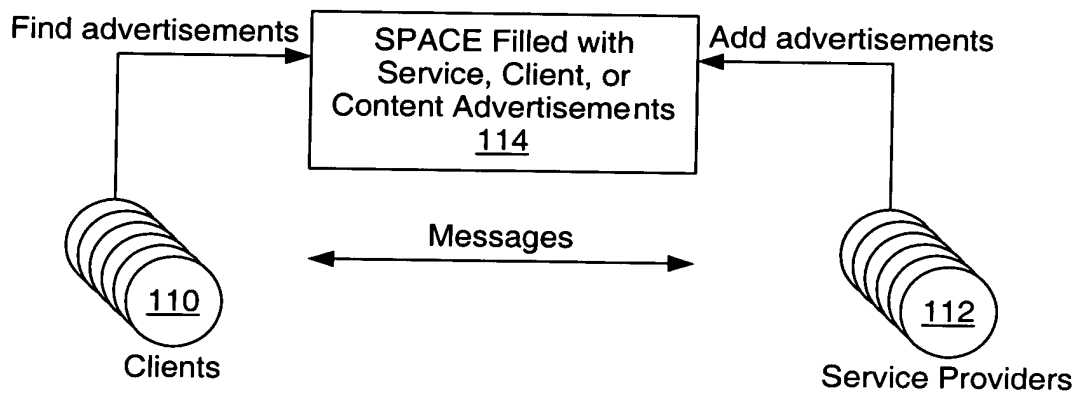


Fig. 15

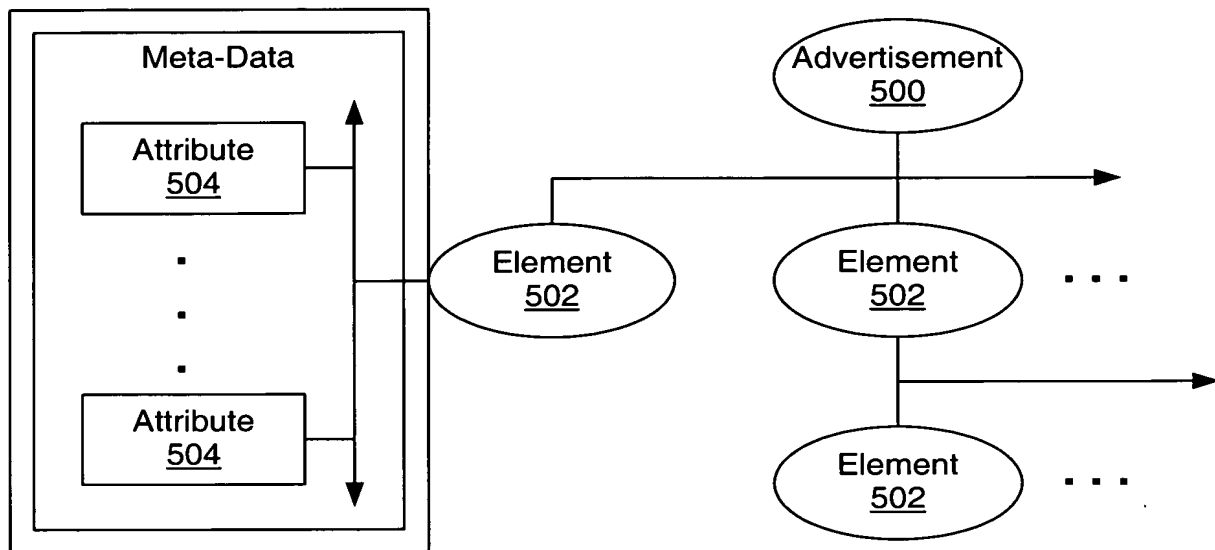


Fig. 16

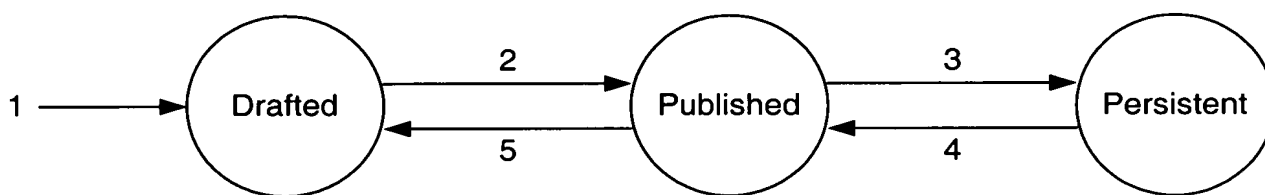


Fig. 17

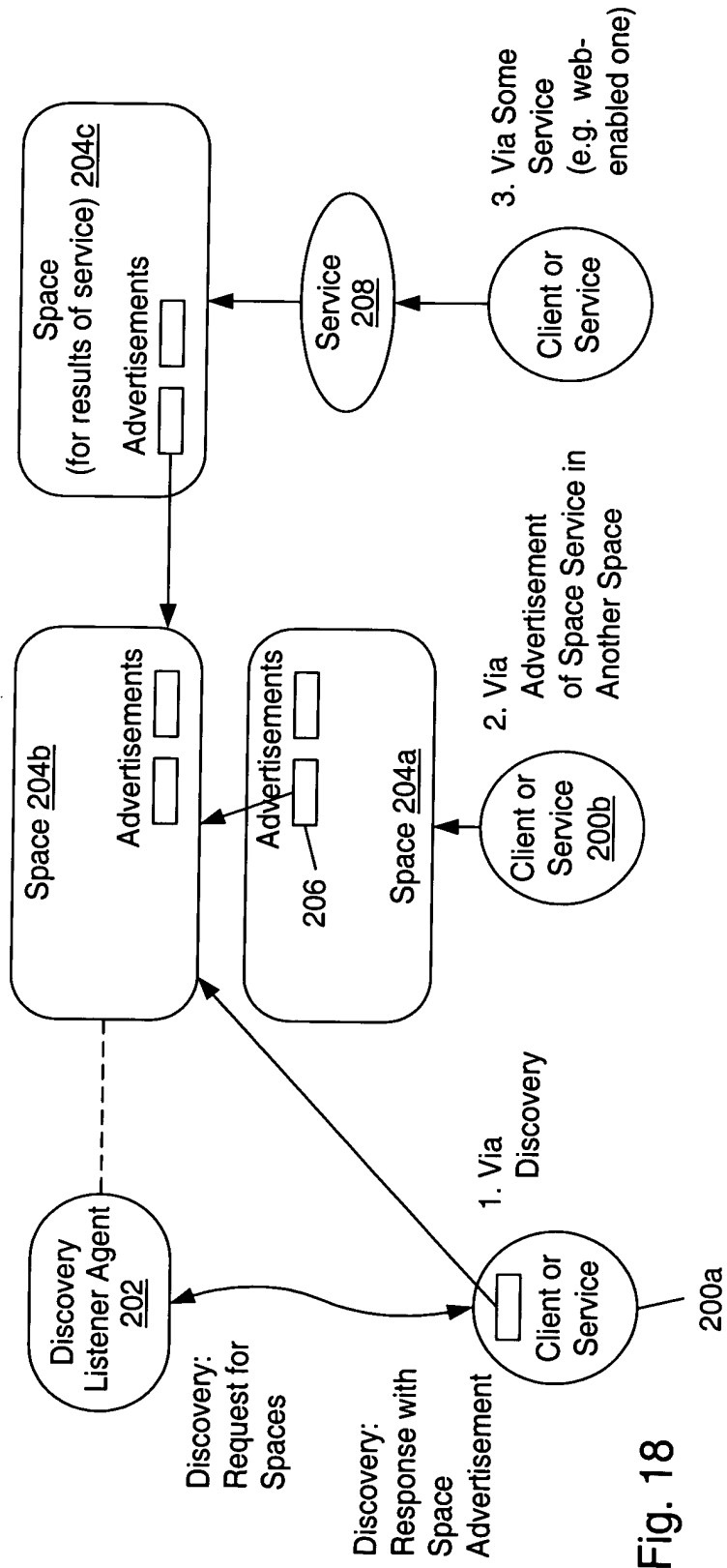


Fig. 18

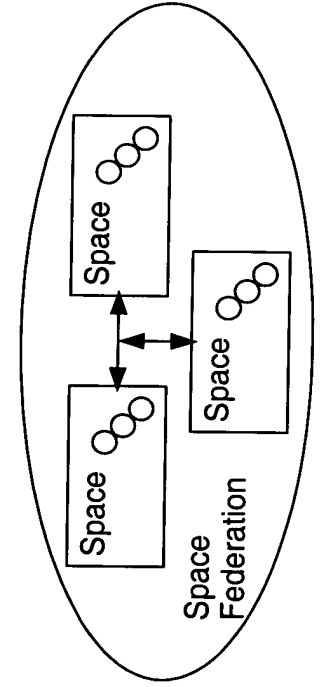


Fig. 19

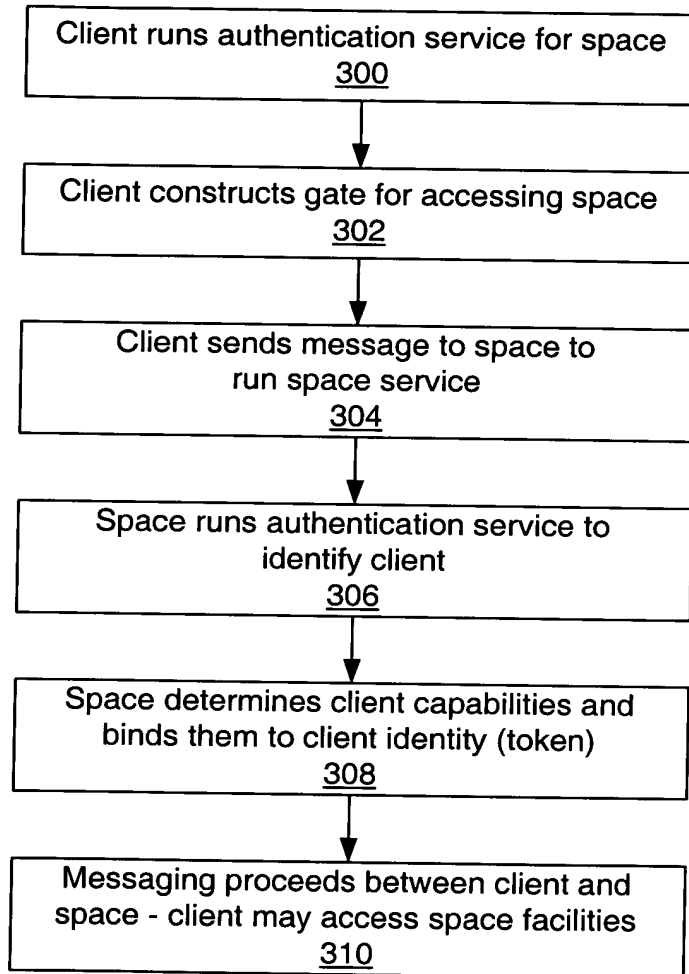


Fig. 20

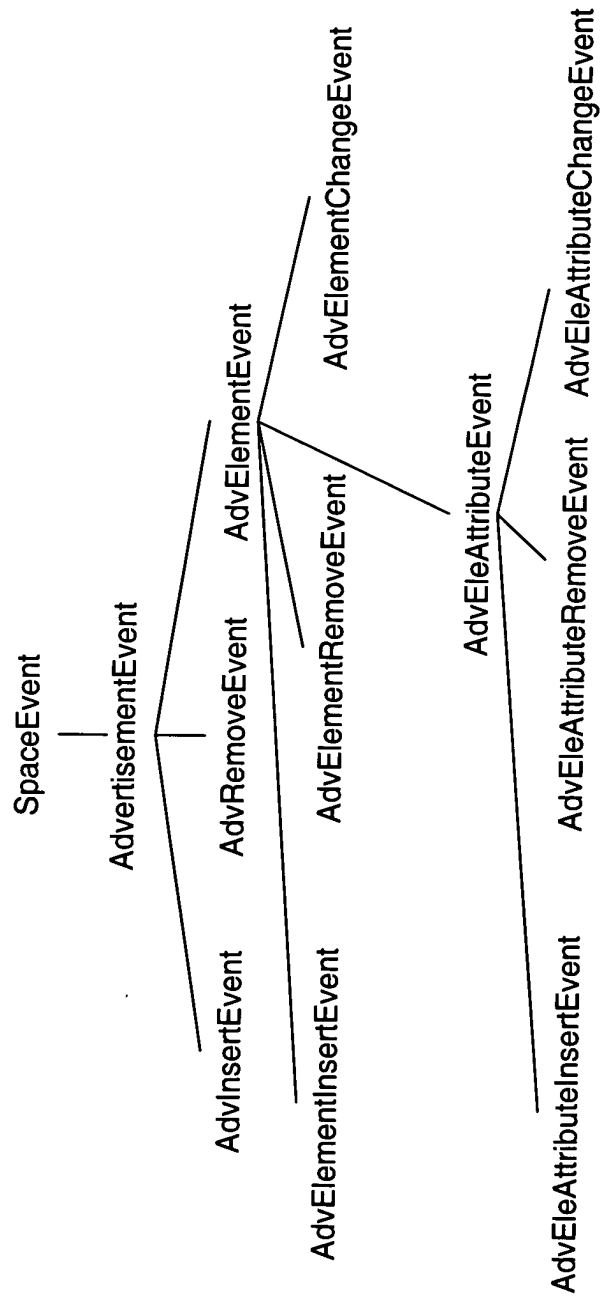


Fig. 21

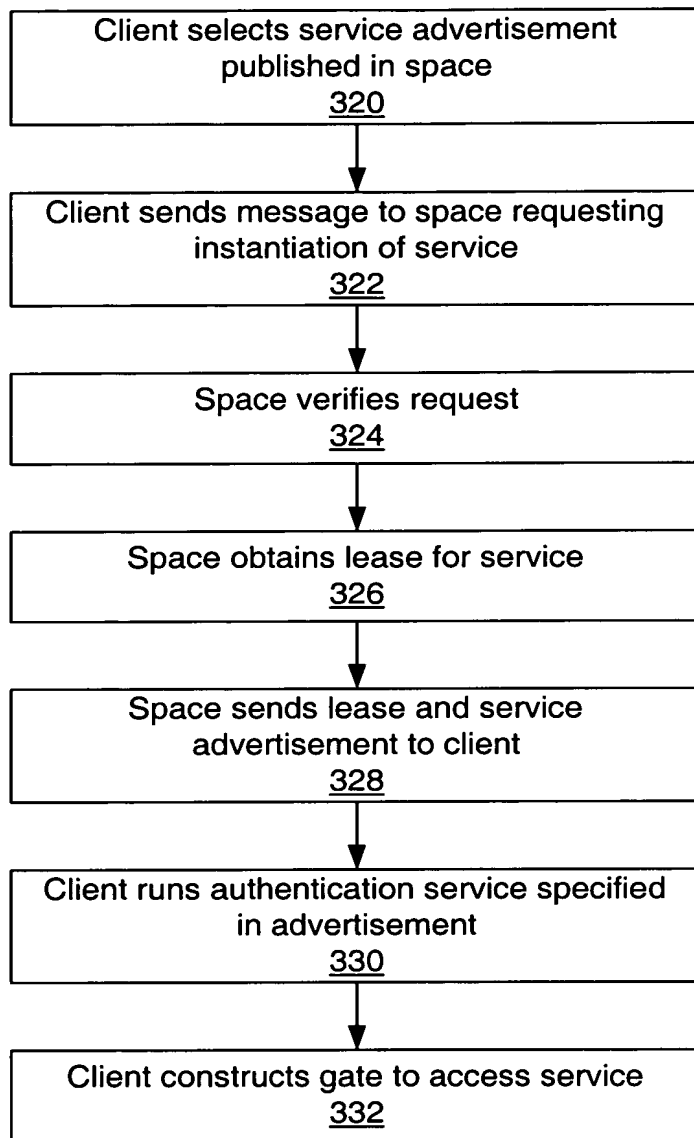


Fig. 22

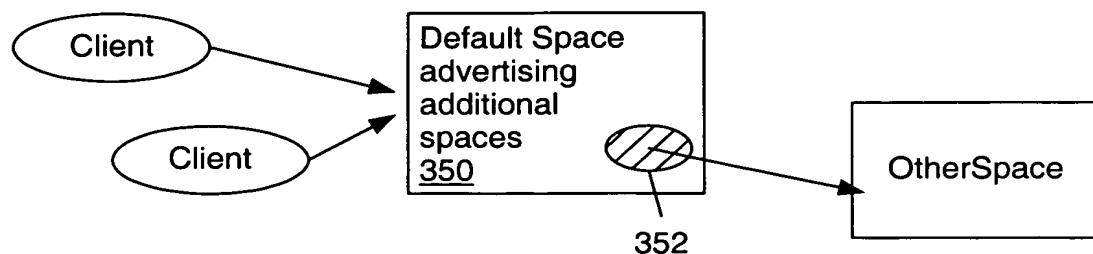


Fig. 23

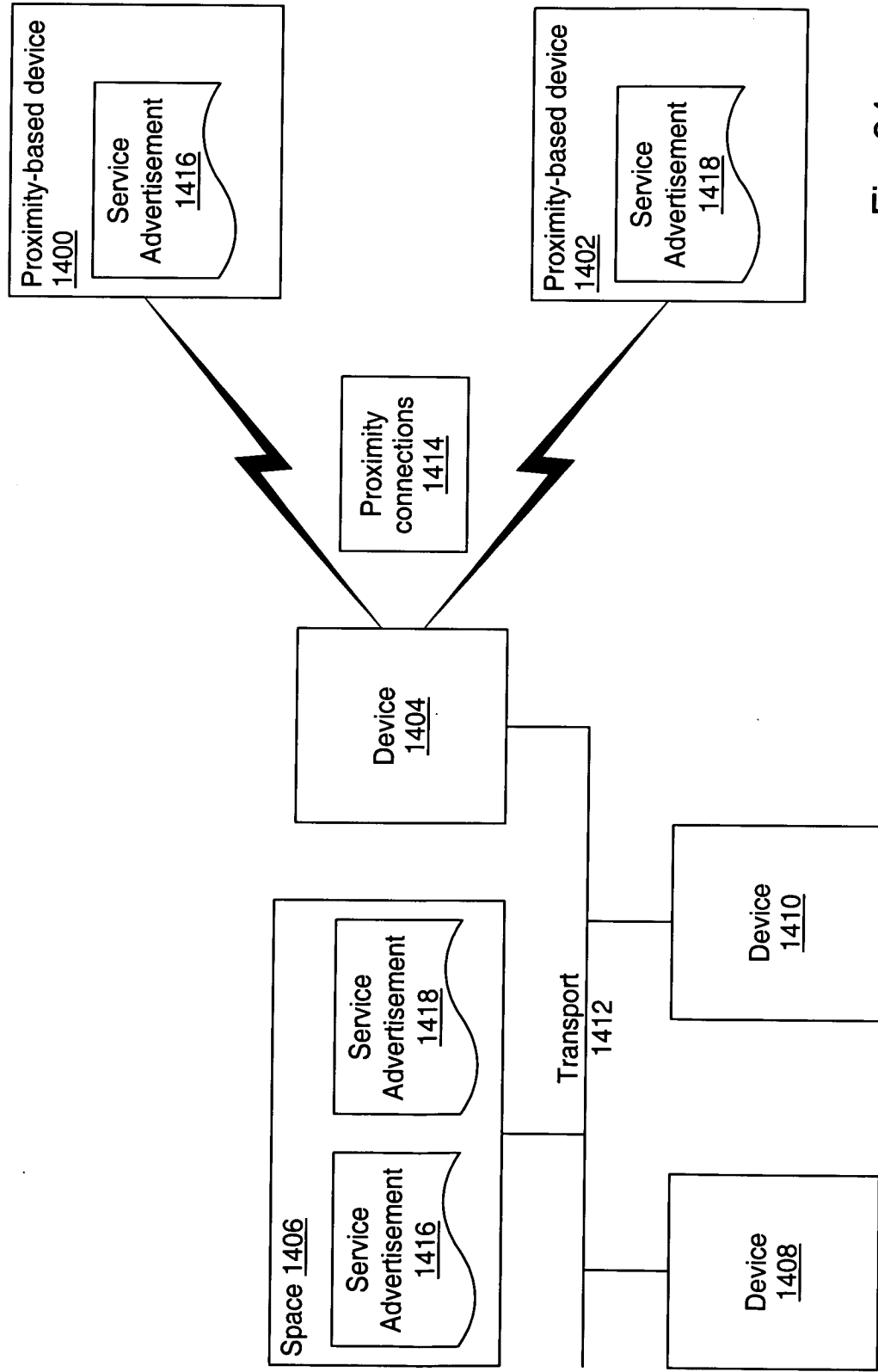


Fig. 24

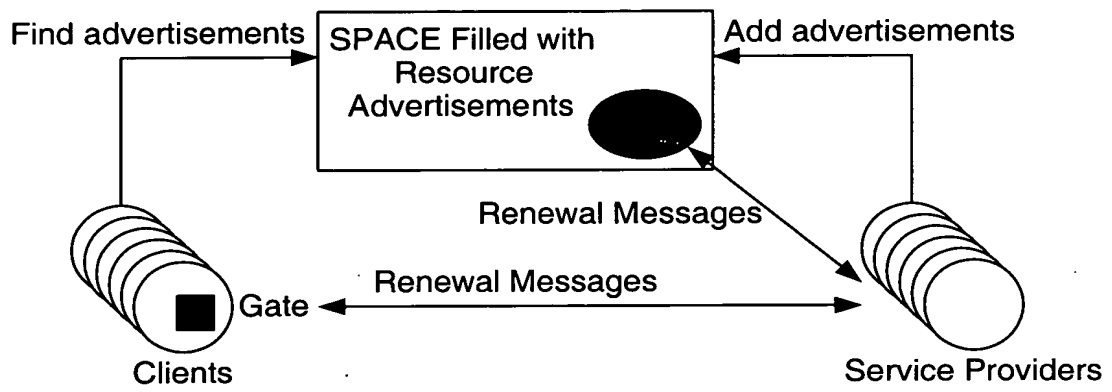


Fig. 25

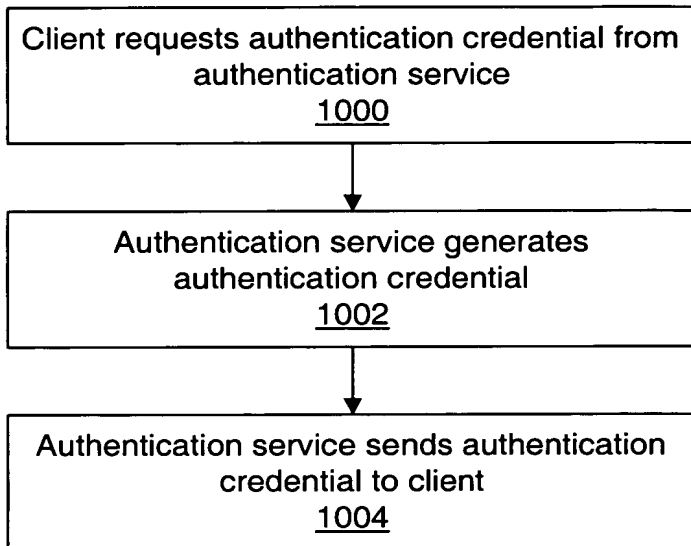


FIG. 26a

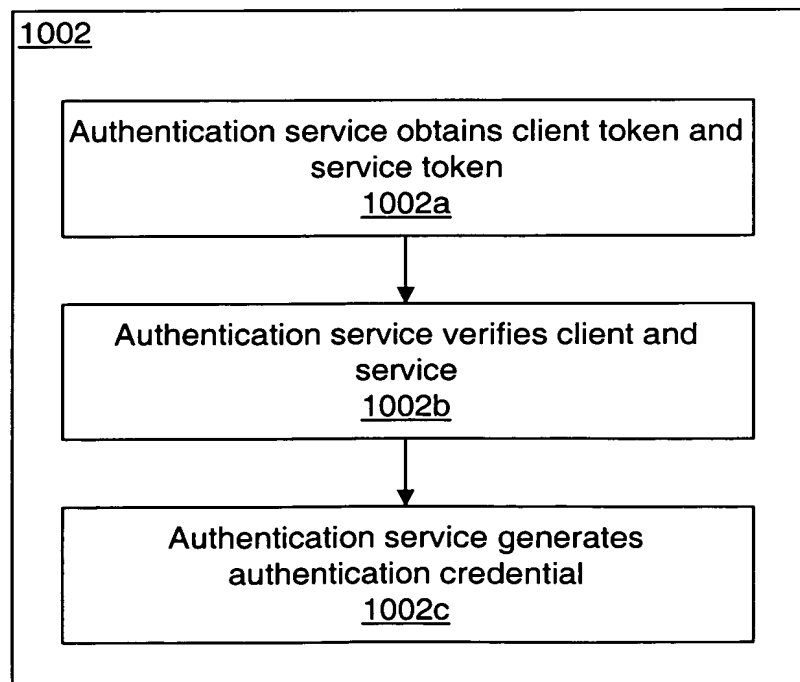


FIG. 26b

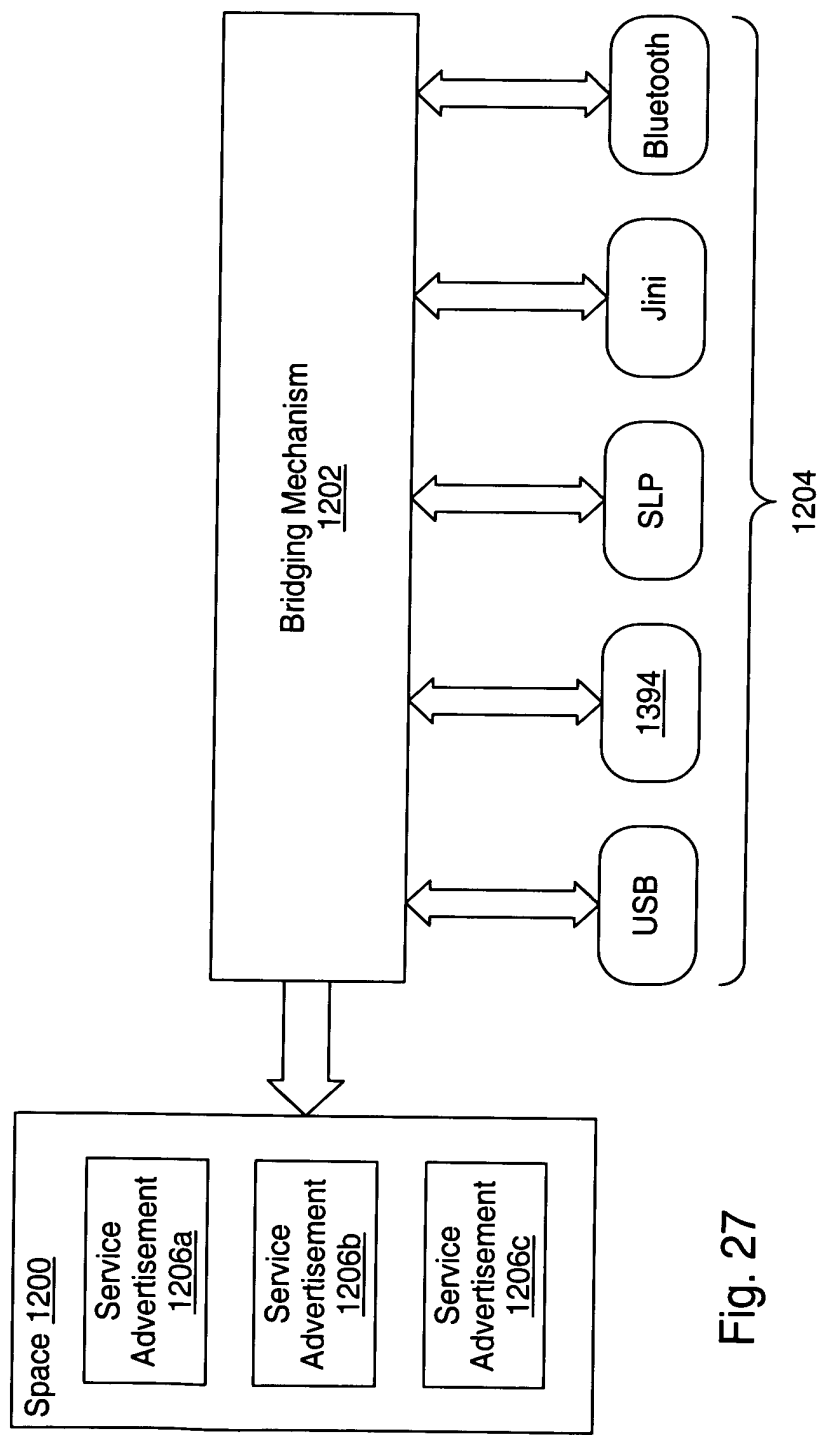


Fig. 27

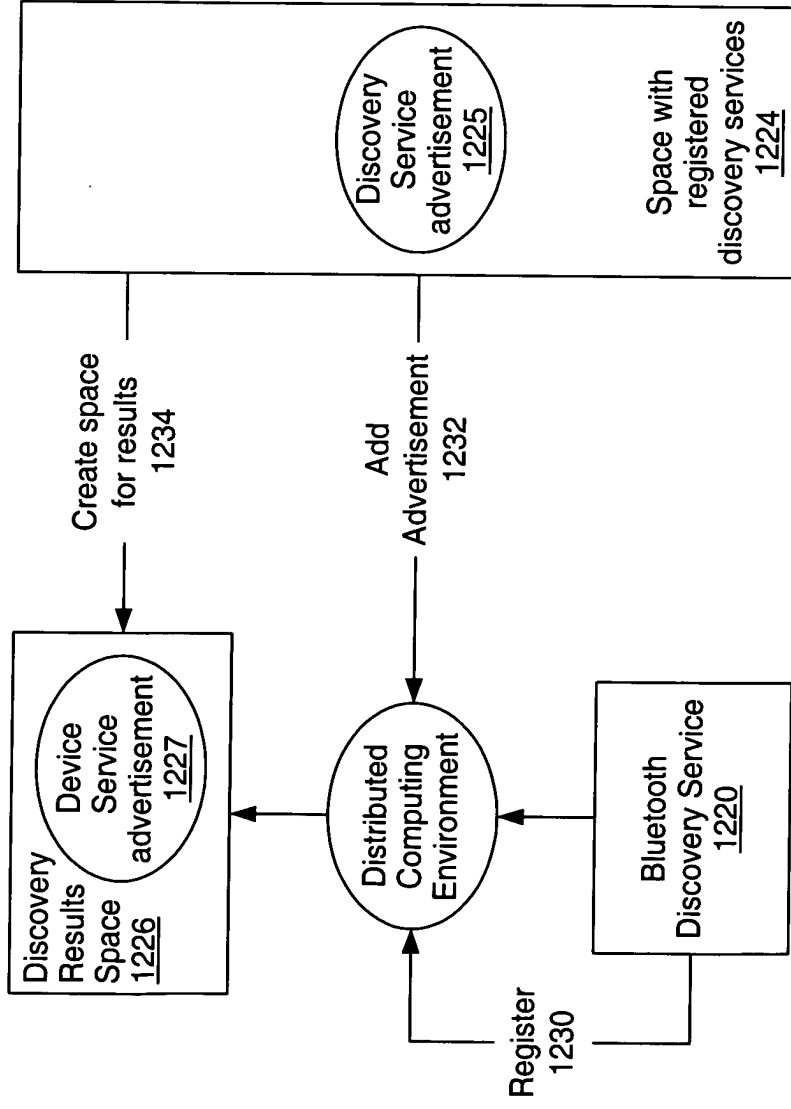


Fig. 28

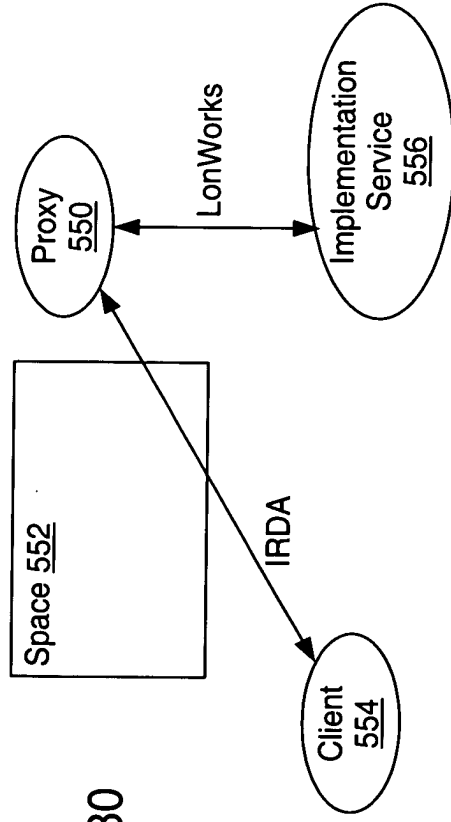


Fig. 30

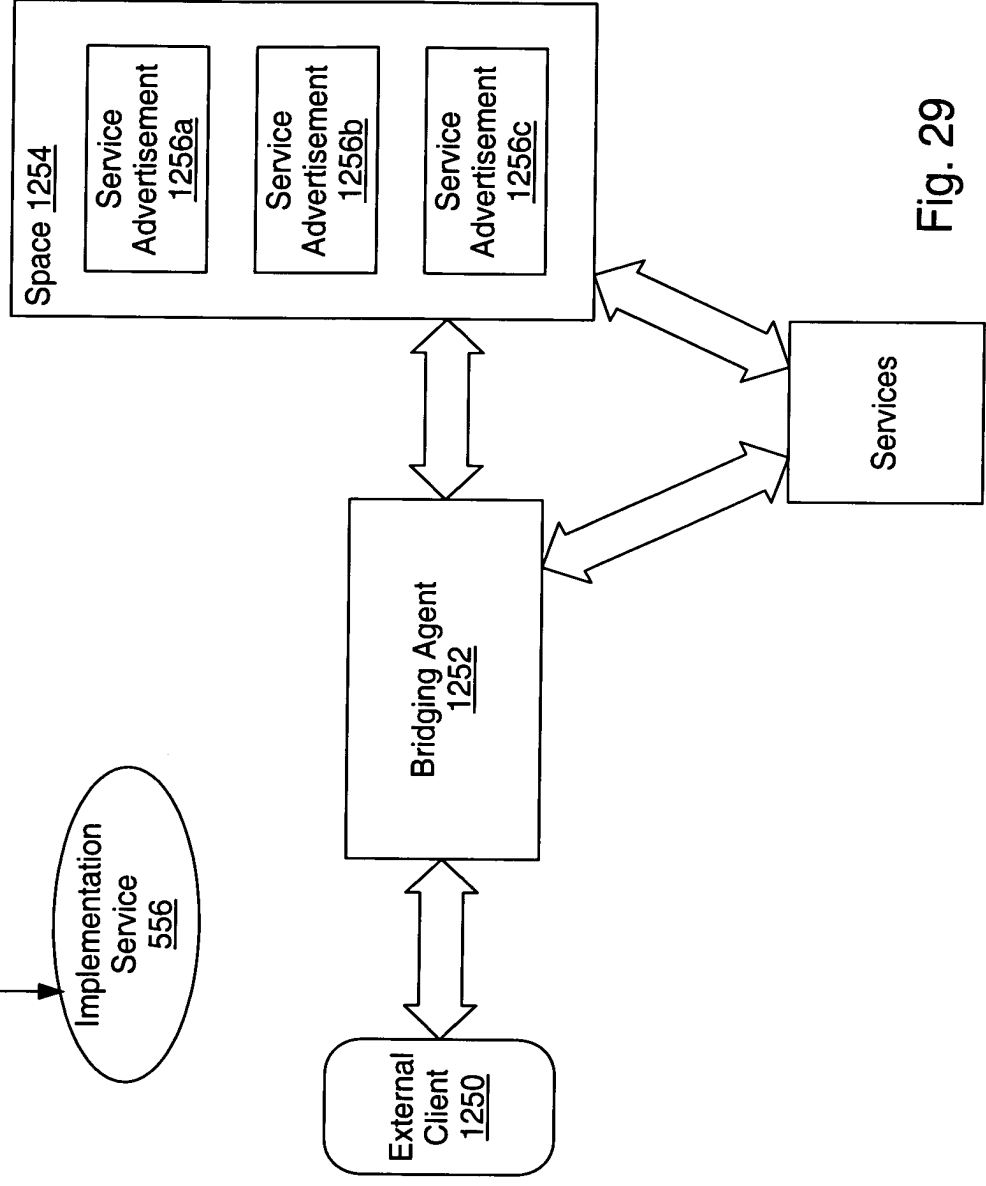


Fig. 29

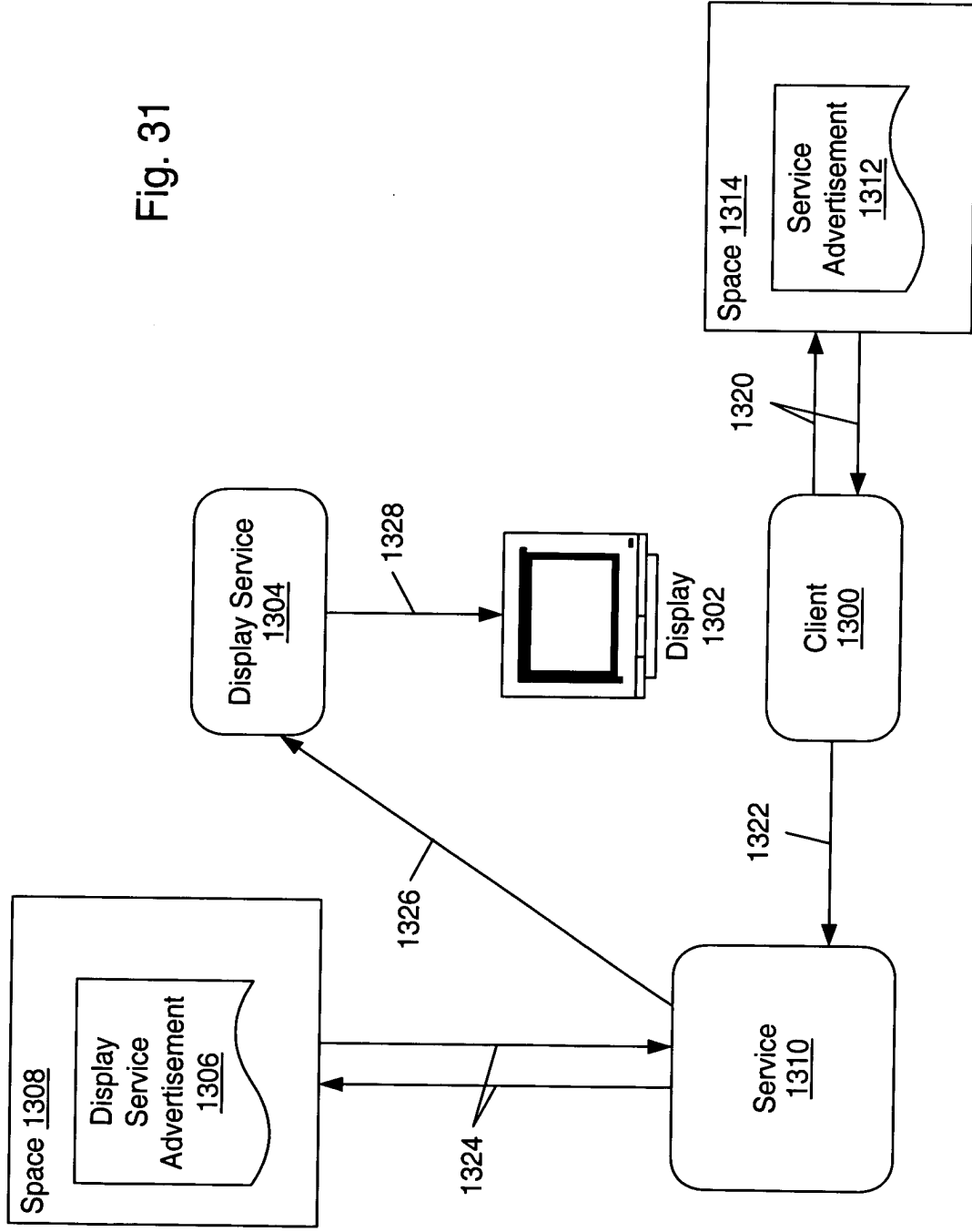


Fig. 31

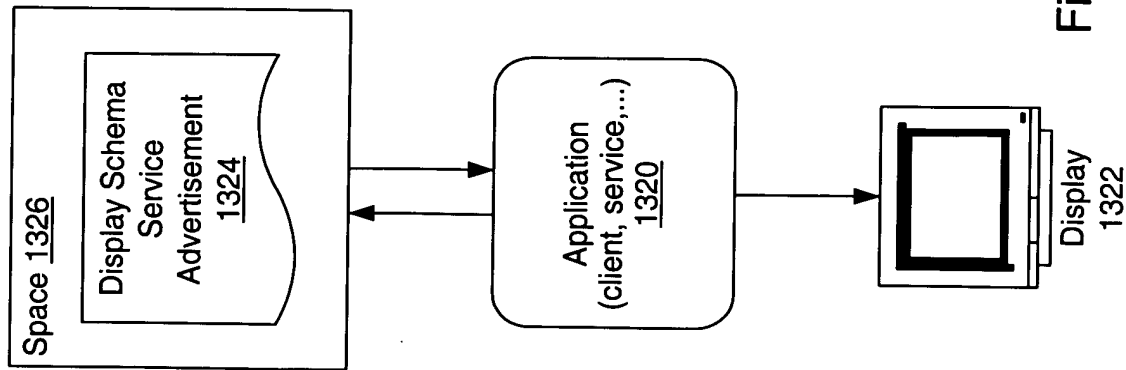


Fig. 32A

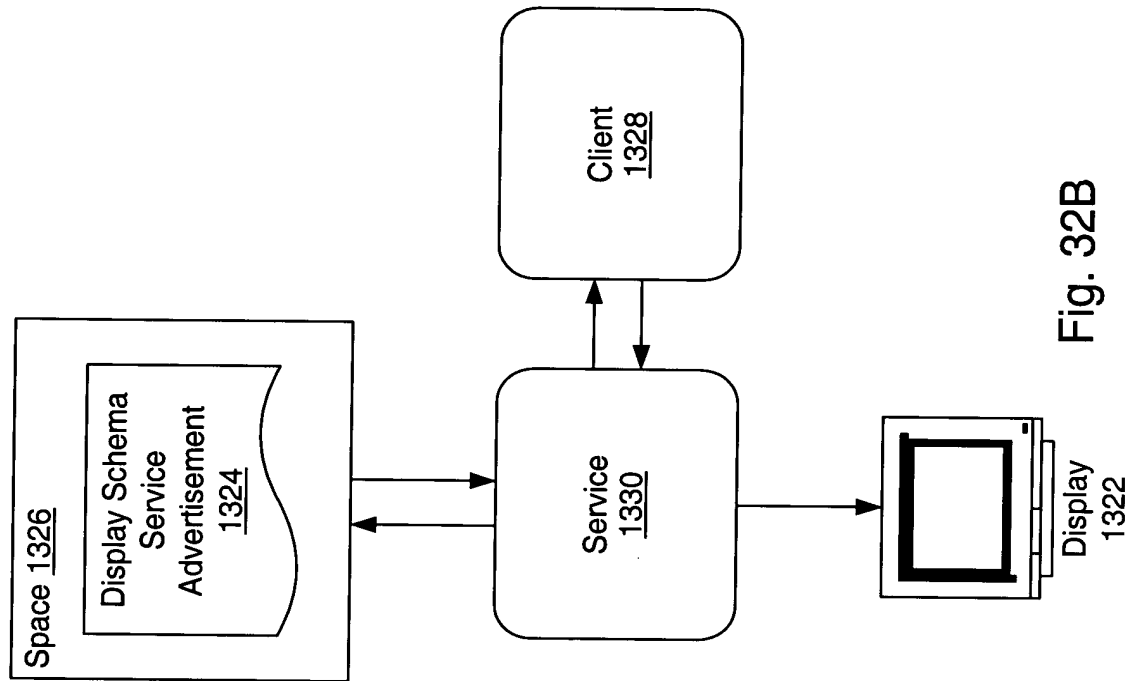


Fig. 32B

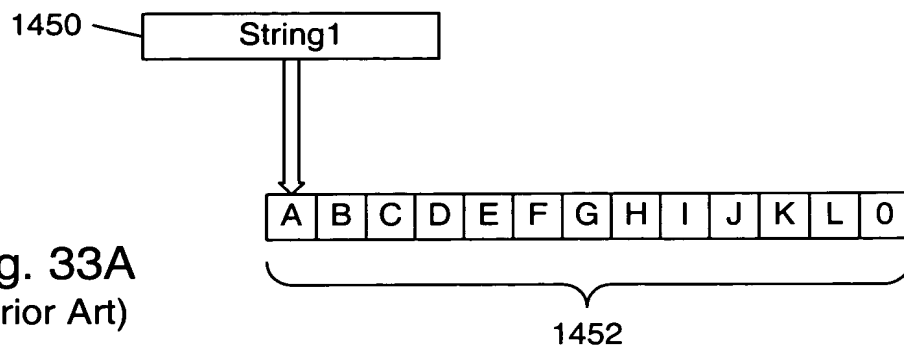


Fig. 33A
(Prior Art)

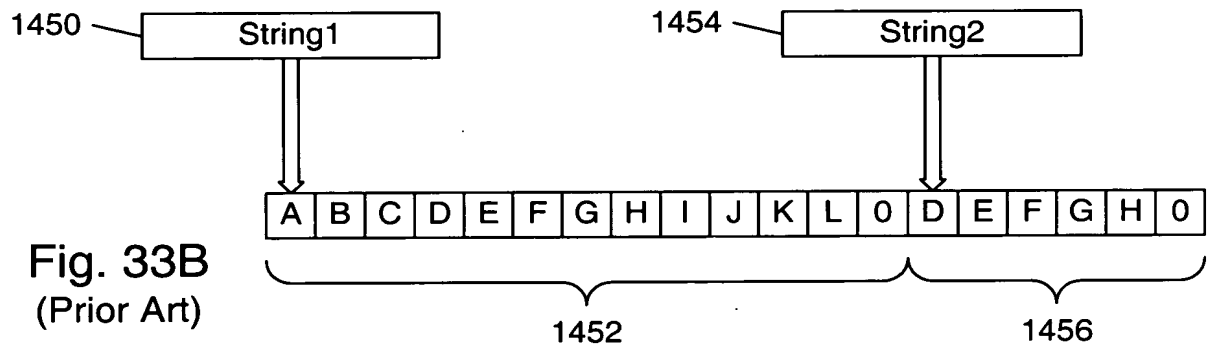


Fig. 33B
(Prior Art)

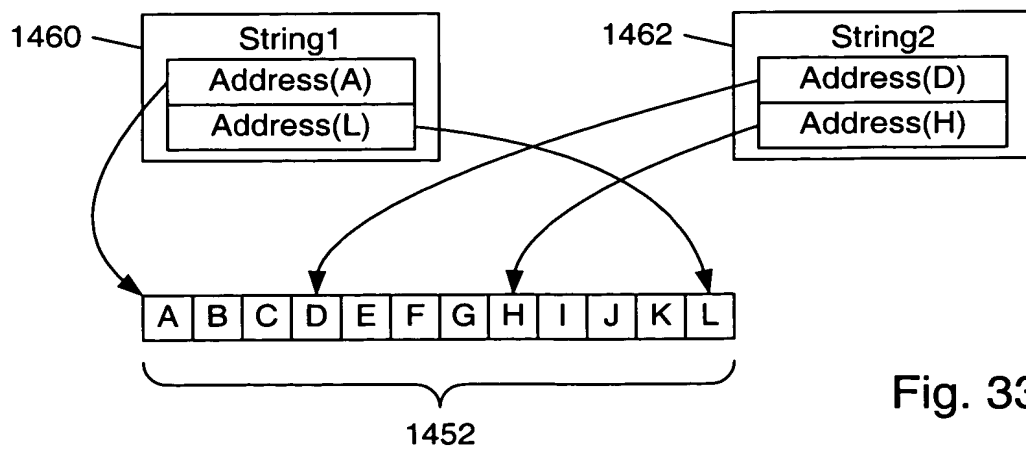


Fig. 33C

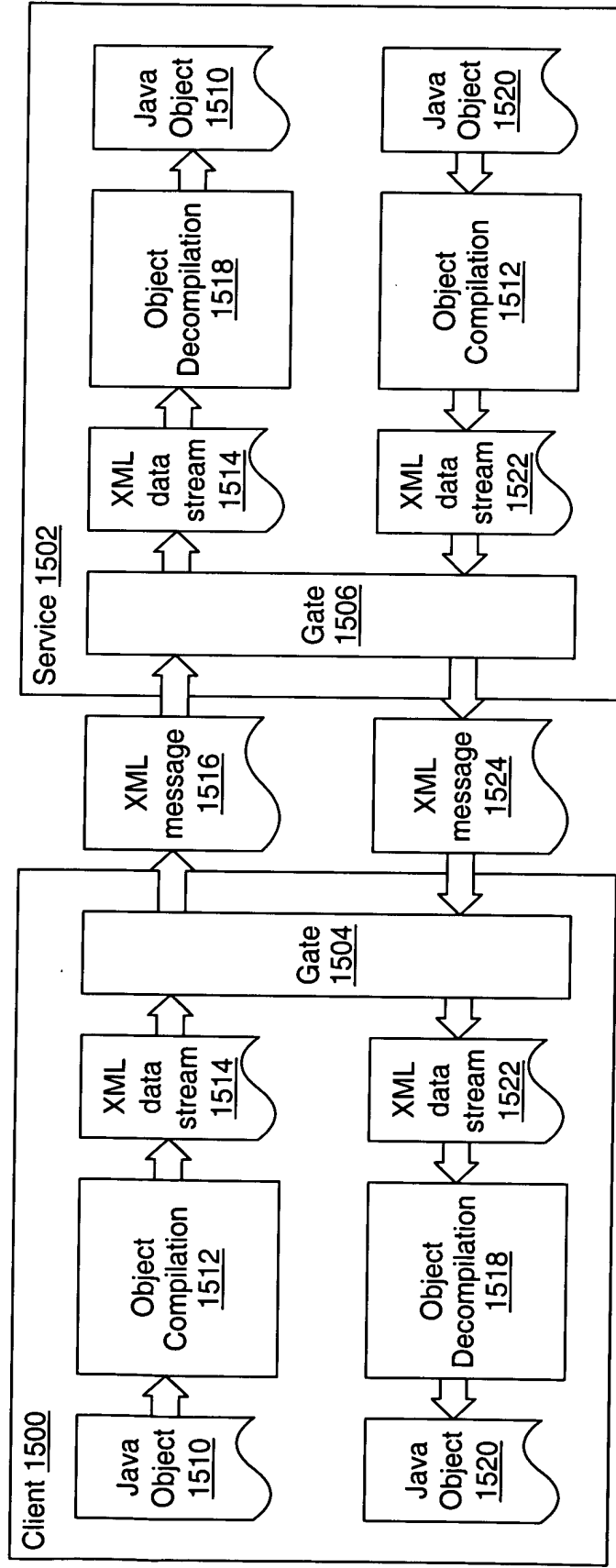


Fig. 34

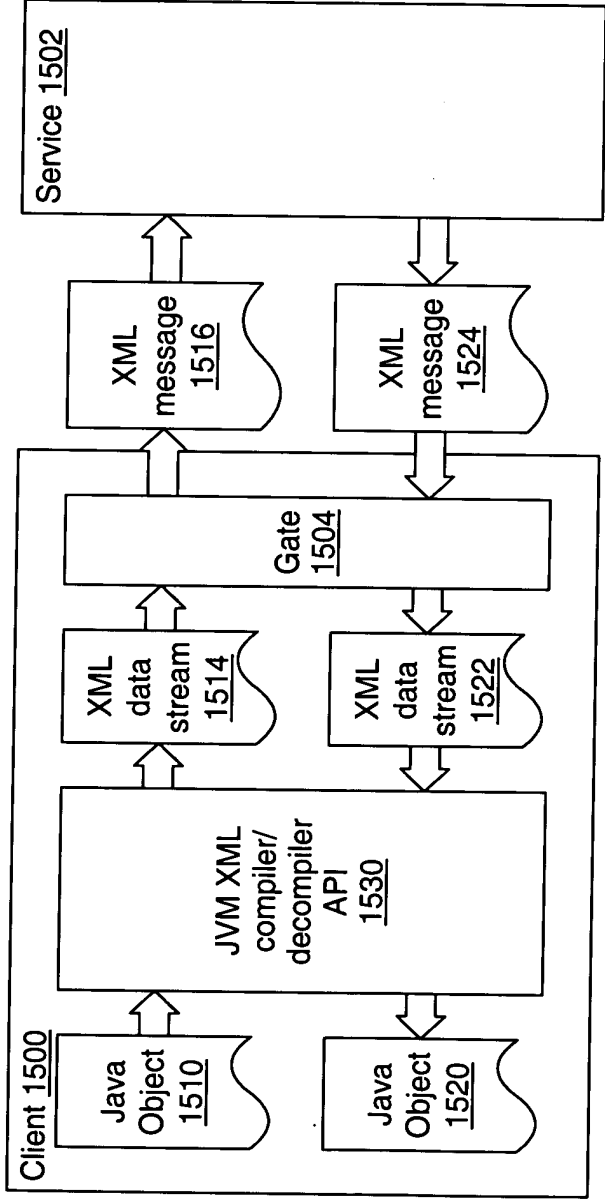


Fig. 35a

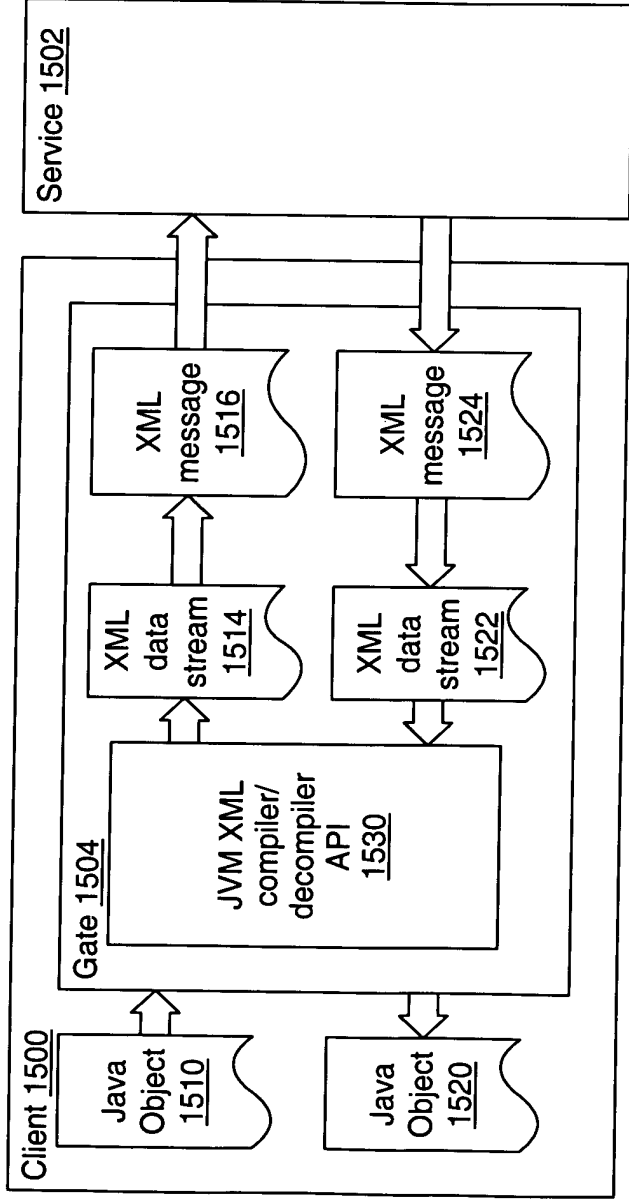


Fig. 35b

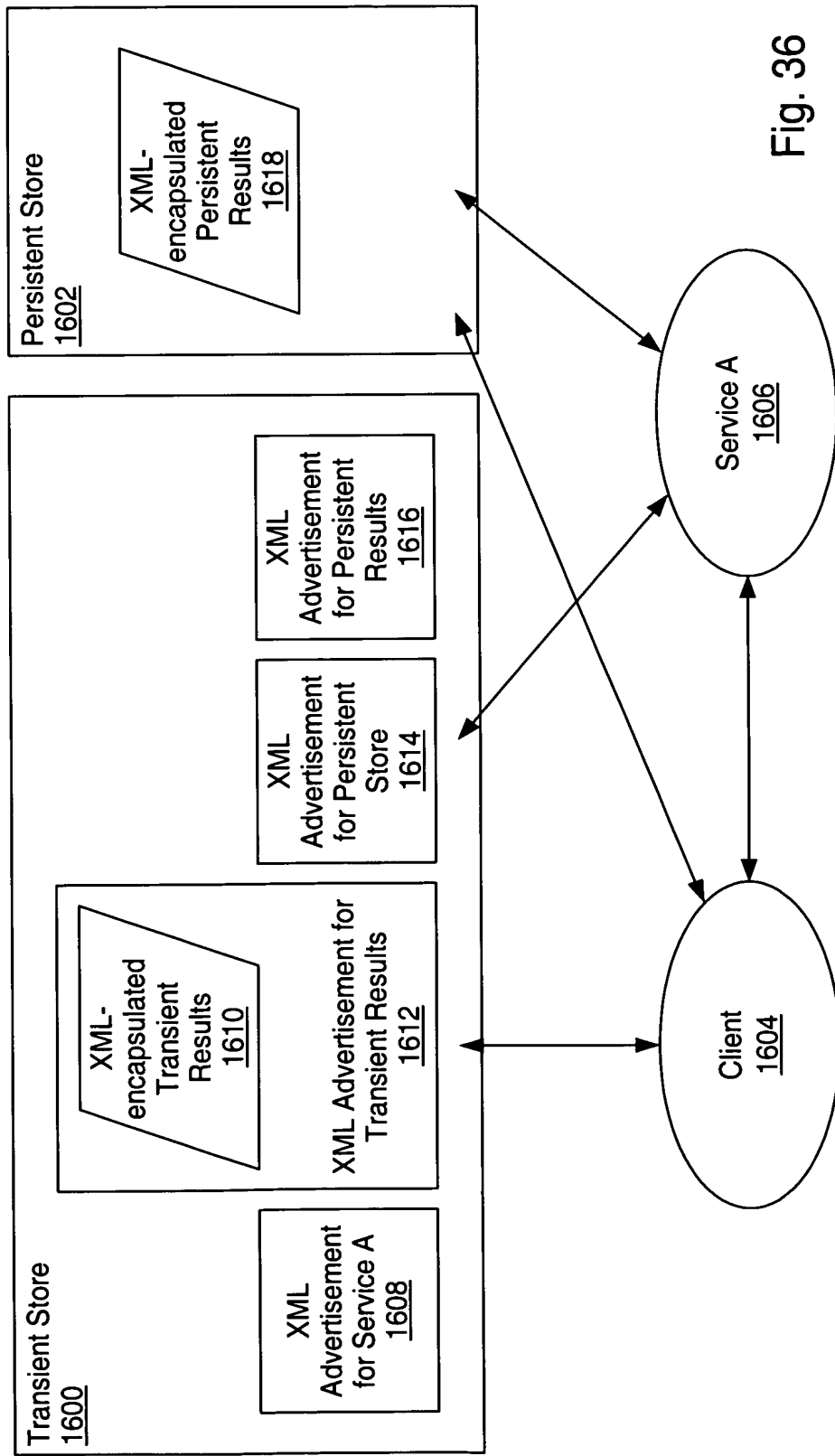


Fig. 36

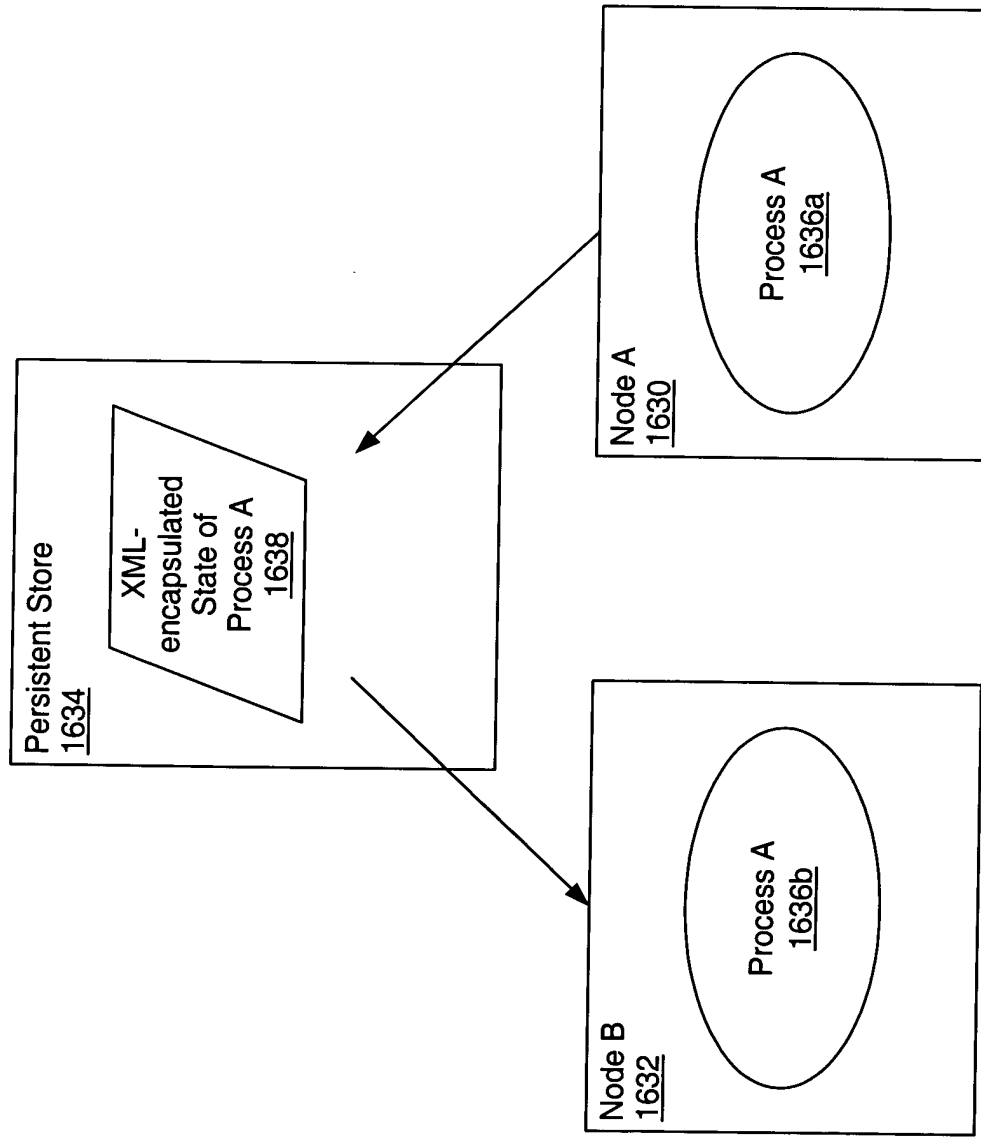


Fig. 37

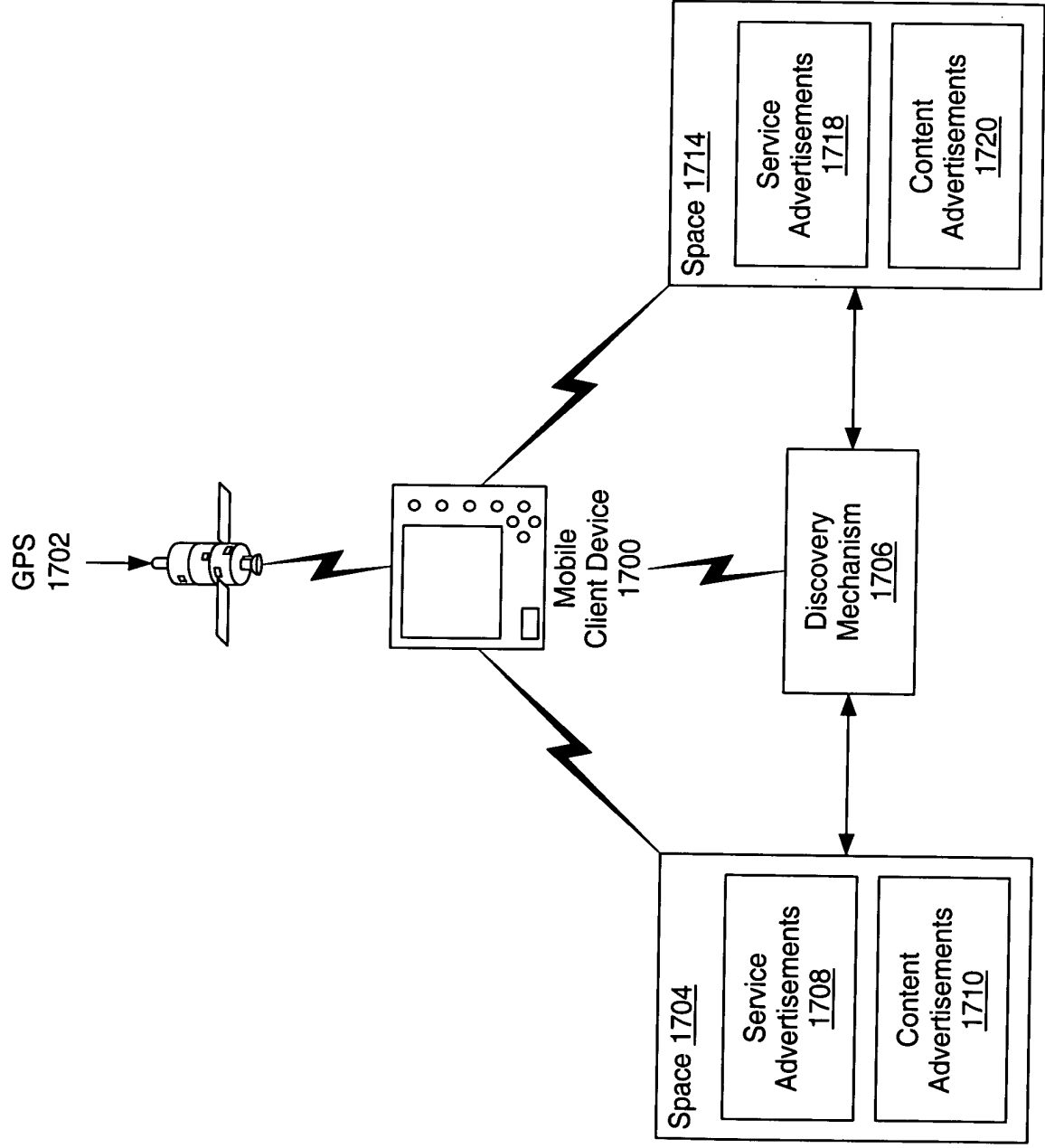


Fig. 38

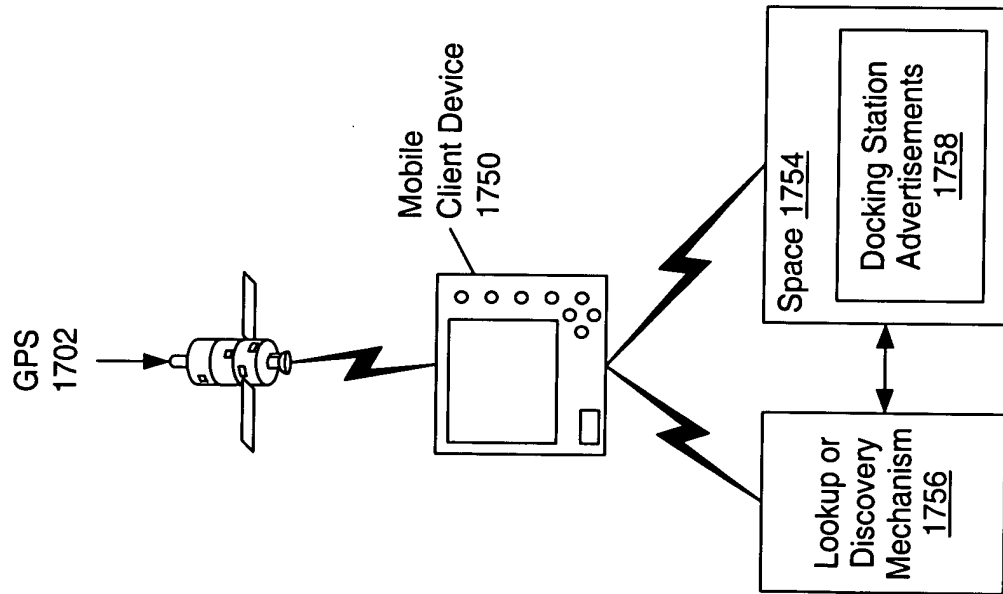


Fig. 39a

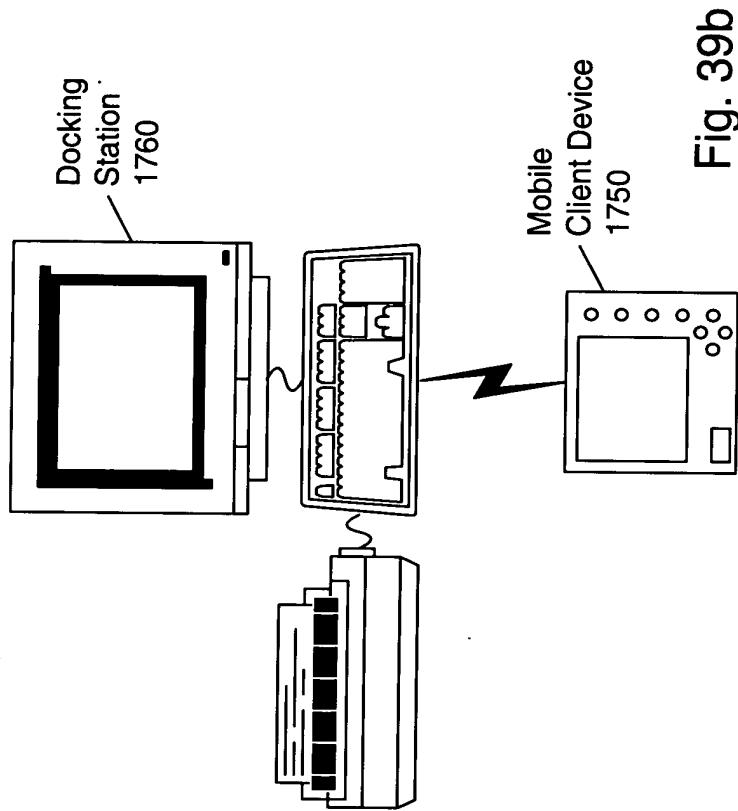


Fig. 39b

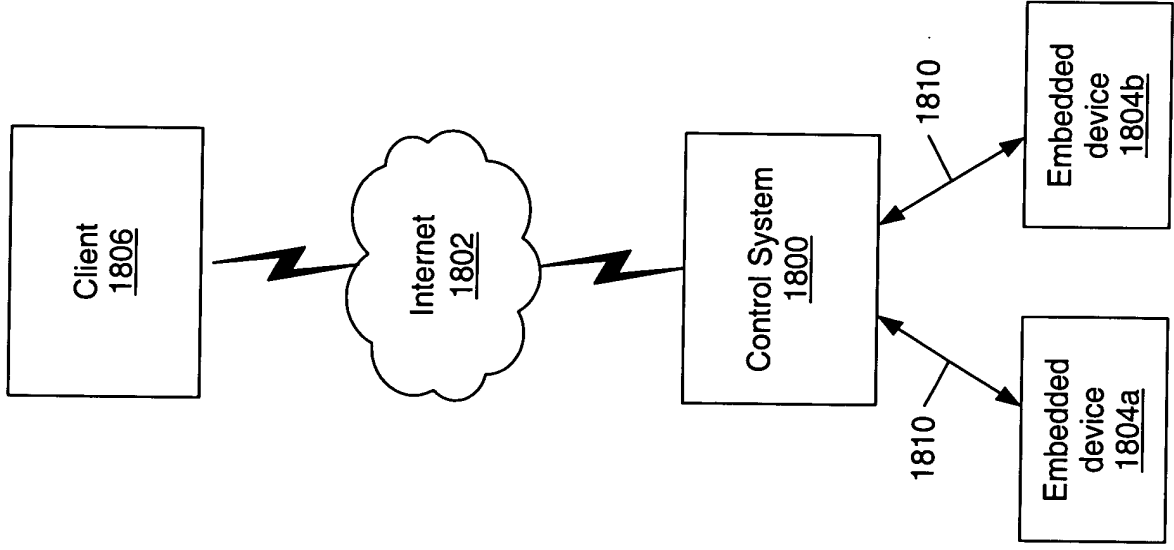


Fig. 40a

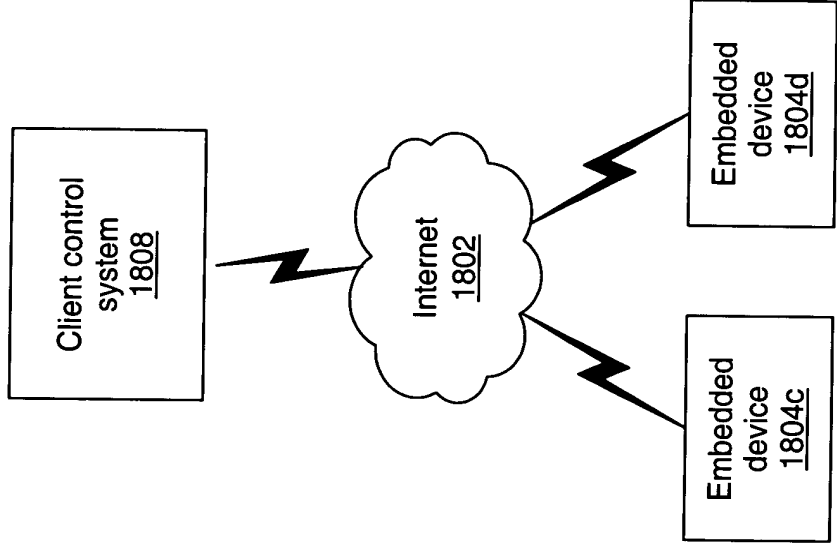


Fig. 40b

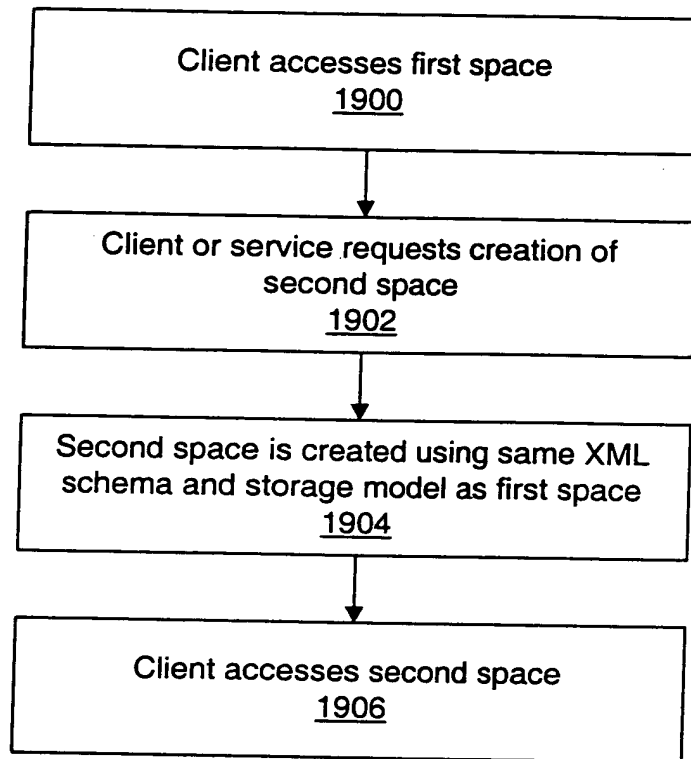


FIG. 41

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graph TD; 1950[1950: Requesting client accesses first space] --> 1952[1952: Creation of second space is requested]; 1952 --> 1954[1954: Second space is created using same XML schema and storage model as first space]; 1954 --> 1956[1956: Root authentication token is created for second space; authentication service of second space is initialized to limit access]; 1956 --> 1958[1958: Root authentication token is sent to requesting client or service]; 1958 --> 1960[1960: Requesting client accesses second space using root authentication token];
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Flowchart illustrating the process of creating a second space and authenticating access:

- 1950: Requesting client accesses first space
- 1952: Creation of second space is requested
- 1954: Second space is created using same XML schema and storage model as first space
- 1956: Root authentication token is created for second space; authentication service of second space is initialized to limit access
- 1958: Root authentication token is sent to requesting client or service
- 1960: Requesting client accesses second space using root authentication token

FIG. 42

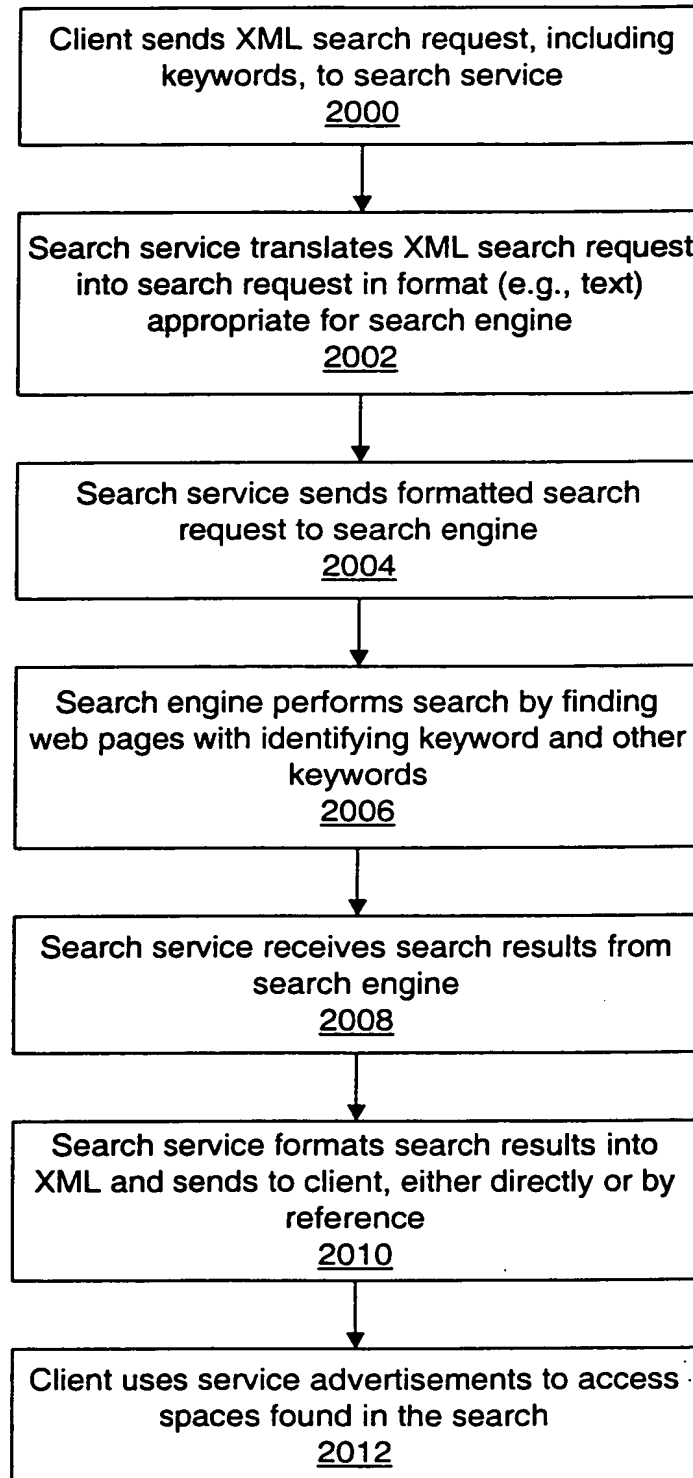


FIG. 43

**Client sends XML message to service
to request invocation of function(s) of
service
2050**



Service receives XML message;
function(s) are invoked
2052



Service generates set of results
2054



Service stores results at location in
space
2056



Results are read from space
2058

FIG. 44a

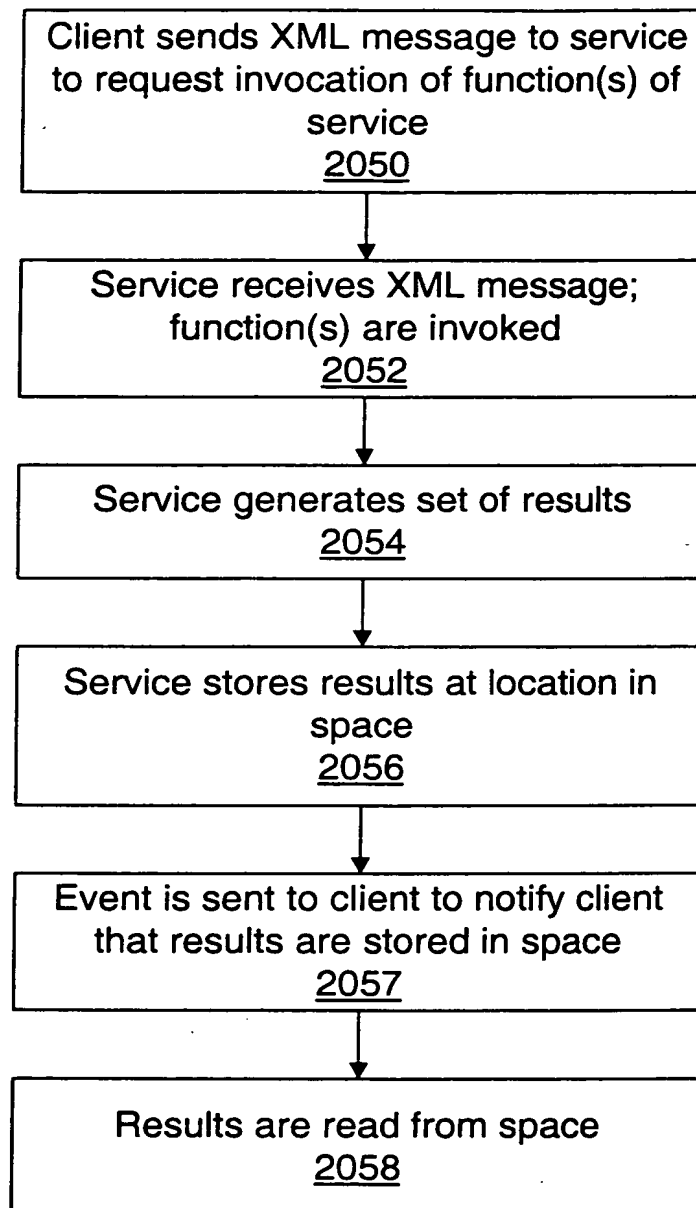


FIG. 44b

Client sends XML message to service
to request invocation of function(s) of
service
2050



Service receives XML message;
function(s) are invoked
2052



Service generates set of results
2054



Service sends message including
results
to client
2055

FIG. 44c

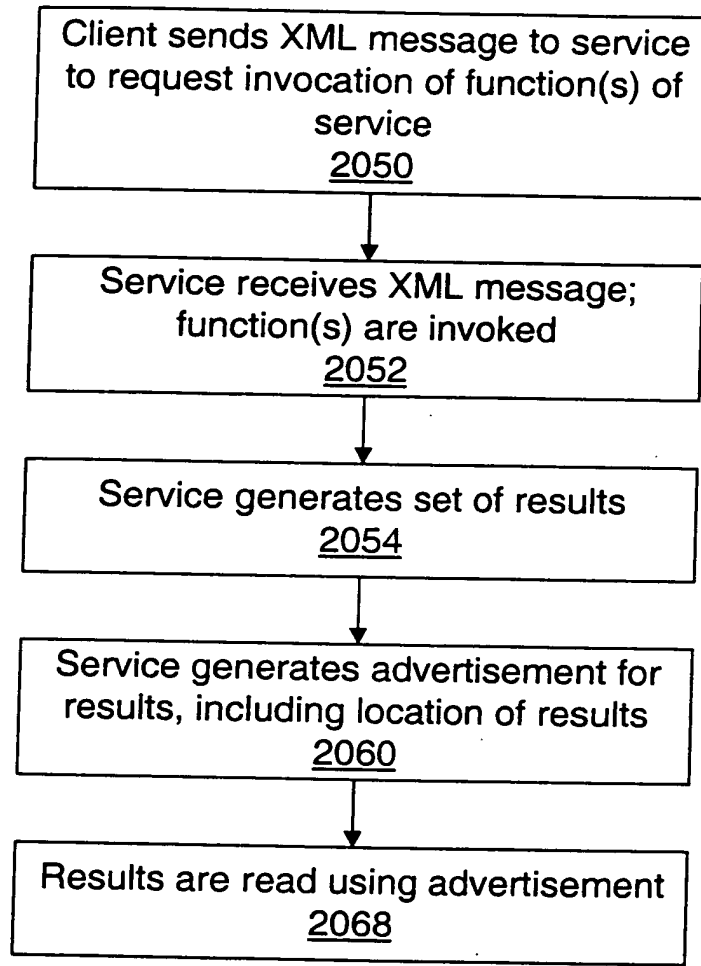


FIG. 44d

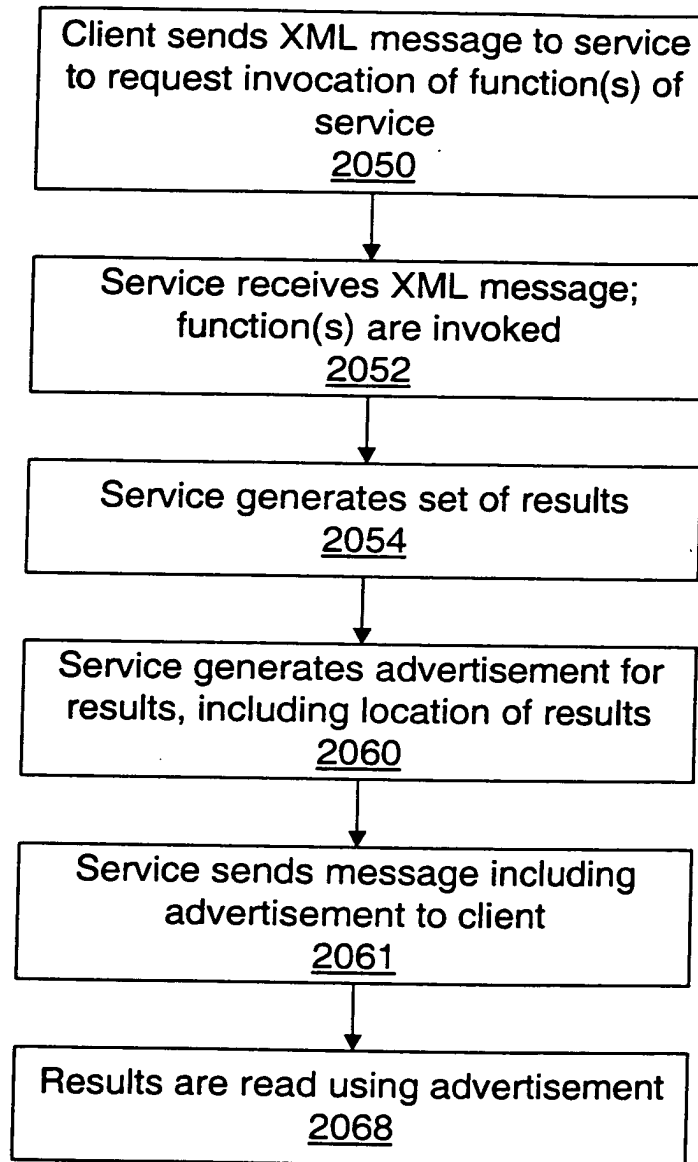


FIG. 44e

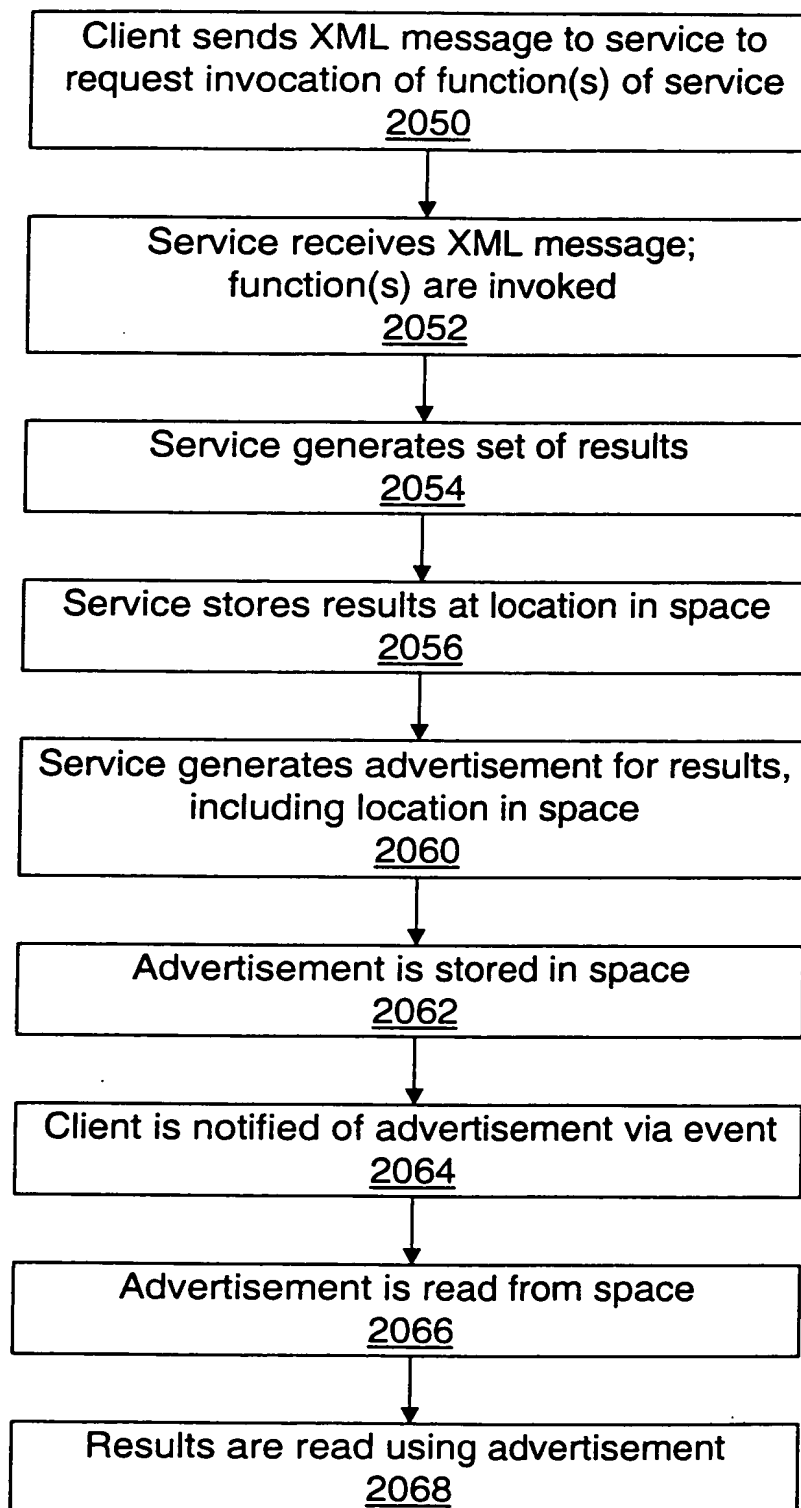


FIG. 44g

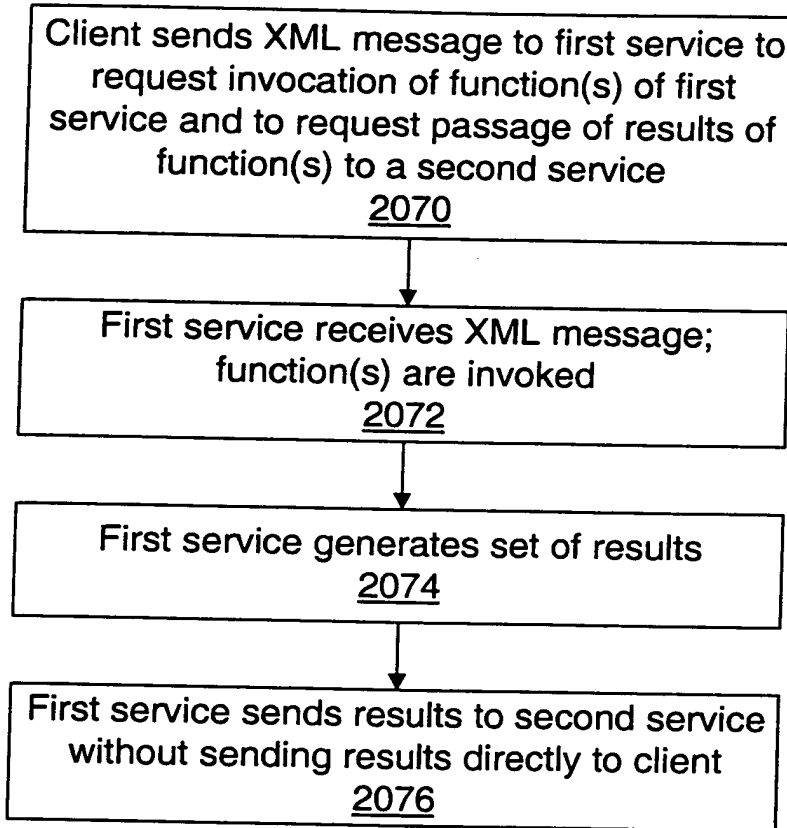


FIG. 45

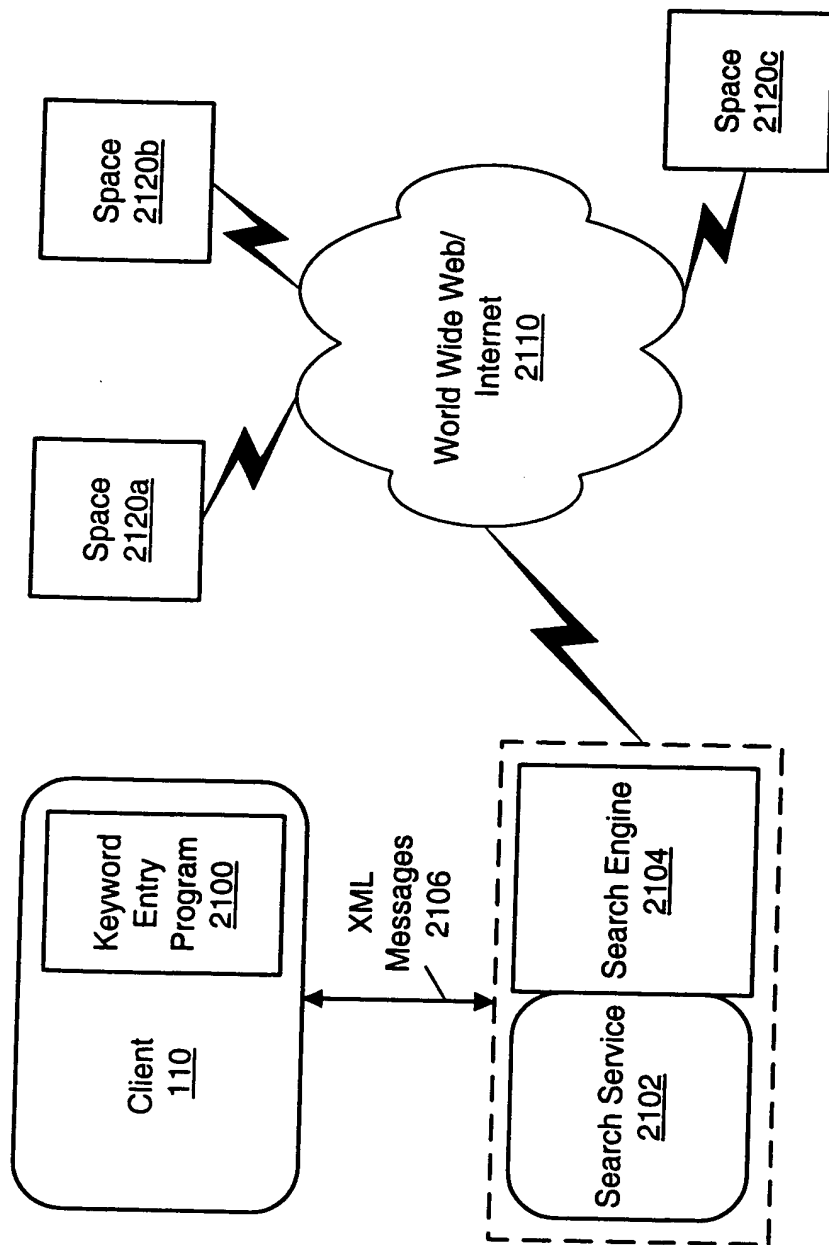


FIG. 46b

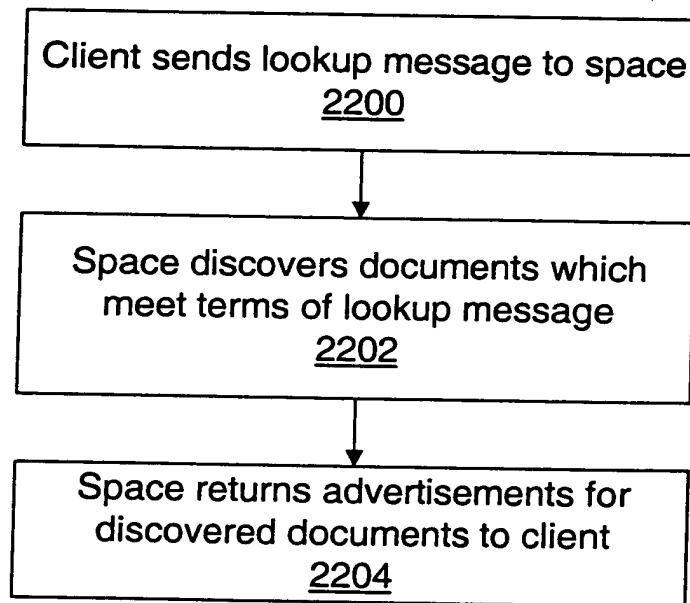


FIG. 47

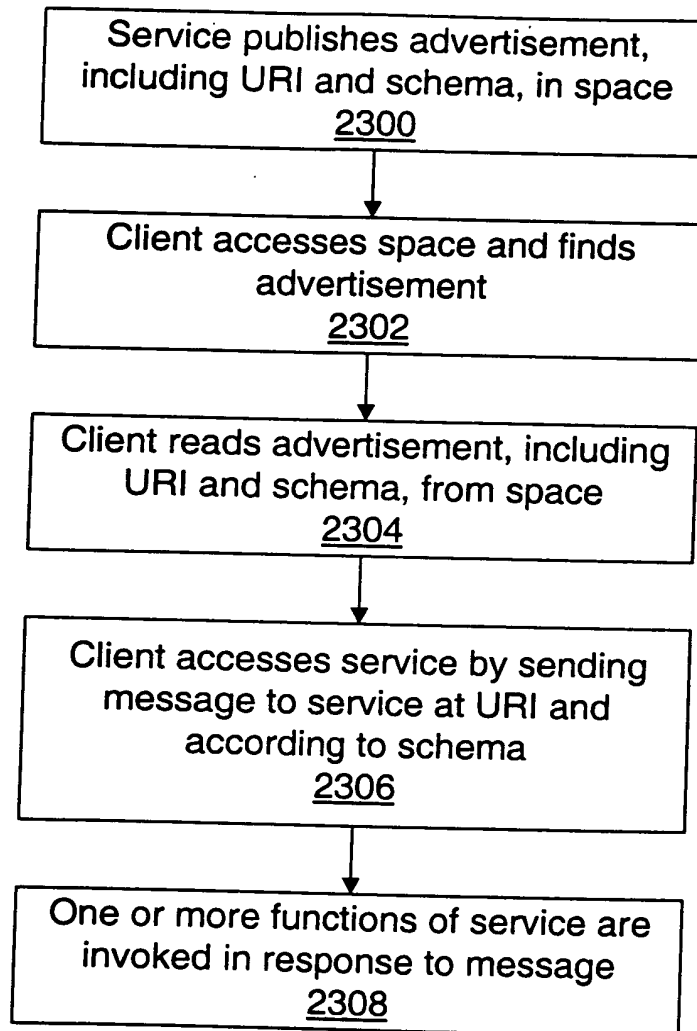


FIG. 48